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PROVISIONAL

[Issued with Army Orders for February, 1925]

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Equipment
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ASTOR, LENOX
TILDEN FOUNDATION

REGULATIONS

FOR THE

EQUIPMENT OF THE ARMY

(With Amendments up to 31st December, 1923)

PART 2.—SECTION XII (b)

ROYAL REGIMENT OF ARTILLERY, MOVABLE ARMAMENT, AND MACHINE GUNS IN ARMAMENTS

WAR OFFICE, 1925



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REGULATIONS

FOR THE

EQUIPMENT OF THE ARMY

(With Amendments up to 31st December, 1923)

PART 2.—SECTION XII (b)

ROYAL REGIMENT OF ARTILLERY, MOVABLE ARMAMENT, AND MACHINE GUNS IN ARMAMENTS

WAR OFFICE, 1925



LONDON
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12

By Command of the Army Council

A handwritten signature in black ink, appearing to read 'H. G. Creedy'. The signature is written in a cursive style with a large, sweeping 'H' and a long, trailing 'y'.

THE WAR OFFICE,
14th January, 1925.

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I.—SPECIAL INSTRUCTIONS.

I.—EQUIPMENT OF MOVABLE ARMAMENTS.

1. Details of equipment of Movable Armament will be found in Tables 1 to 3, pages 23 to 114. These details include armament of land fronts.

2. Spare parts of guns, &c., are supplied solely for the purpose of replacing similar defective or damaged parts, and will not be used for any purpose other than that for which they are maintained unless specially authorized. The allowance is based on a battery of 6 guns or howitzers.

3. The Fire Command officer commanding may take such measures for the movement of movable armaments from one part to another within the fortress to which it is allotted as the necessities of the service demand.

4. Service pattern harness supplied under special authority for use with movable armaments will be held in Royal Army Ordnance Corps charge, and only drawn from store when required. At some stations local arrangements are made to hire harness as may be required.

5. Guns of the Movable Armament (or land front defence), when in possession of Territorial Army batteries of artillery as equipment, will be equipped in accordance with Section IX, Equipment Regulations, Part 3.

II.—MARKING OF EQUIPMENT.

6. Camp kettles and water buckets, belonging to the peace equipment, will be marked, camp kettles in white, and water buckets in black paint, with the letters "Movable Armament" in front, and in the rear with the letter of the sub-section and battery letter, thus :—

"No. 1"

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Detailed instructions for marking vehicles and equipment will be found in Part I, Equipment Regulations.

III.—AMMUNITION.

7. The equipment ammunition for Q.F. and B.L. guns, howitzers and M.L. mortars of movable armaments of defended ports abroad is as detailed in the tables.

57
Gen. No. 3054 "Demand for cartridges must be accompanied by a list of the propellant lots of the natures concerned held on charge by the Unit, in order that propellants of similar lots to those in possession may, as far as possible, be issued."

The expenditure of ammunition allowed for practice should be so arranged that each piece may be fired at least once in every two years, so as to test them under service conditions.

8. Fired Q.F. cartridge cases, tubes, caps of fuzes and similar articles will be returned to R.A.O.C. by numbers.

The fired primers of Q.F. cartridges will be brought on charge, by Units, by certificate receipt voucher, they should not be removed from the cartridge case.

9. An allowance of blank ammunition, not exceeding twenty rounds for each piece annually, will be allowed for all guns and howitzers in the movable armament of defended ports abroad, and also the Channel Islands for reviews, field days, &c.

PRACTICE AMMUNITION.

10. The following is the annual allowance of practice ammunition for M.L. mortars of movable armaments :—

MOVABLE ARMAMENTS.

Nature of Equipment.	No. of rounds per piece.		Remarks.
	Bomb, M.L., H.E., 3-inch mortar.	Bomb, M.L., H.E., 6-inch mortar.	
M.L. 3-inch mortar ...	40 (b)	...	...
M.L. 6-inch mortar ...	...	20 (b)	Per station.

NOTE.—For the present only No. 106E fuzes may be fired at practice with H. E. shells.

(b) Filled with sand.

PRACTICE AMMUNITION.

The annual allowance of practice ammunition for Q.F. and B.L. guns and howitzers of movable armaments will, for the present, continue to be promulgated by Army Council Instructions.

PUFFS.

11. The annual allowance of puffs, &c., is authorized in the following proportions :—

MOVABLE ARMAMENTS.

Pins, puff, powder, 4-oz. 2 annually to 1 battery out of every 3 (also 2-oz.).

Puffs, powder,	{	No. 9...	Above 18-pr. ...	{	200 annually for 1 battery out of every 3.
		„ 8...	18-pr. and under		

Tubes, friction, copper, { 220 annually for 1 battery out of
solid drawn, without { every 3.
ball.

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For the purpose of calculating the allowance, the number of guns or howitzers that constitute a battery will be 6.

In cases where the number of guns in the approved armament is less than a complete battery, the annual allowance will be 20 powder puffs per gun with tubes and 2 pins.

Special for Hong-Kong.

Puffs, cordite, No. 1	...	...	...	400 annually (a).
Detonators, electric, No. 13	...	...	400	„ (a).
Puffs, powder, No. 8	...	...	400	„
Pins, puff, powder	...	...	4	„
Tubes, friction, copper, solid drawn, without ball	...	...	440	„

Special for Malta.

Puffs, cordite, No. 1	...	...	...	300 annually.
Detonators, electric, No. 13	...	...	300	„
Puffs, powder, No. 8	...	...	700	„
Pins, puffs, powder	...	...	4	„
Tubes, friction, C.S.D., without ball			770	„

IV.—TARGETS FOR GUN PRACTICE.

12. Targets for practice of Movable Armament will be allowed in the following proportions :—

For Land Ranges.

25 standing } dummies,†
 25 kneeling }
 4 canvas screens to represent guns,
 1 surprise target to suit local conditions ;

for each 4 guns or less, but the maximum in a command is not to exceed—

50 standing } dummies,†
 50 kneeling }
 8 canvas screens to represent guns,
 2 surprise targets to suit local conditions.

† No further provision will be made of standing or kneeling dummies for land ranges. Arrangements will be made locally to improvise from scrap material or natural objects (trenches, bushes, hedges, rocks, &c.).

For Sea Ranges.

See Section XII (a), Part 2, Equipment Regulations.

(a) These will also be allowed at Gibraltar in addition to powder puffs.

V.—PRACTICE CAMPS.

13. Immediately on the close of artillery practice each day search will be made on the ranges for unexploded projectiles. Plugged shell and bombs not filled with explosives, which may be found, will be handed over to the Royal Army Ordnance Corps ; but all fuzed shell will be destroyed *in situ* as laid down in the Regulations for Army Ordnance Services, Part II, Pamphlet No. 4.

14. The regulations for packing and storing guncotton and detonators will be strictly observed (*see Magazine Regulations*), and where there are no suitable buildings or sheds available for storage, tents will be used for the purpose.

15. Rewards will be paid for the recovery of projectiles as laid down in the Regulations for Army Ordnance Services, Part I.

16. Notices will be posted up in the vicinity of all ranges, cautioning civilians of the extreme danger of handling projectiles found on the range, and informing them that no rewards or payment of any description for finding shell, or collecting projectiles, will be paid to a civilian.

Stores for the Destruction of Shell.

17. A set of stores for the destruction of shell at practice camps, and also such quantity of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the commandant :—

MATERIALS REQUIRED FOR EACH CHARGE.

<i>Section No. 25.</i>				No.
Guncotton ...	{ dry primers, field, 1-oz.		...	1
	{ wet slabs, field, 15-oz.		...	(a)

Section No. 26.

Detonators, electric, No. 13	...	...	...	1
------------------------------	-----	-----	-----	---

Section No. 29—D.

Sandbags	...	...	...	...	...	4
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(a) In the case of shell of light field guns one, and in all other cases two, 15-oz. slabs will be used.

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STORES.

Articles.	No.	Remarks.
<i>Section No. 7.</i>		
Pliers, side-cutting, 7-inch ... pairs	1	
<i>Section No. 8—A.</i>		
Twine, choking, 3-thread ... lbs.	1	Securing charge.
<i>Section No. 9—A.</i>		
Cloth, emery, No. F. ... sheets	2	Cleaning ends of wire.
<i>Section No. 28—B.</i>		
Cable, electric, E.1, Mark II ... yards	2,000	Old telegraph cable unfit for general issue would do if available.
Exploders, dynamo ...	1	Repairing defective wire.
Solution, rubber, 3-oz. tubes ... tubes	9	
Tape, rubber, pure ... lb.	$\frac{1}{2}$	
<i>Pimlico Section No. 22.</i>		
Knives, clasp, with marlinespike and tin opener ...	2	

VI.—REPAIR AND PRESERVATION OF EQUIPMENT AND SUPPLY OF STORES.

Repairs.

18. The examination and repair of equipment should be carried out by military tradesmen so far as may be possible. When special tools or appliances are required which are not available with the battery, the military tradesmen should be sent, together with the material requiring repair, to the nearest Royal Army Ordnance Corps workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair.

19. Applications for the inspection or repair of equipment which cannot be carried out by military tradesmen should be addressed to chief ordnance officers of districts.

20. Materials for cleaning and preserving ordnance carriages, &c., will be found in Appendix I, Table A, page 203, and mineral jelly and beeswax mixture for coating bores of guns in Appendix I, Table B, page 203.

21. The materials for care and preservation shown in Appendix I, Table C, page 203, will be allowed annually for the leather ammunition boxes, small store boxes, gyny, lamps and lanterns.

22. For detail of "Chests, tool, filled," and sets of tools, *see* Sub-section VIII, pages 9 to 19 ; also E.R., Part I, Appendix V.

23. Tools, material and time allowed for scraping and painting ordnance, machine guns, carriages, projectiles, &c., will be found in Appendix II, pages 204 to 216.

VII.—ROYAL ARTILLERY BATTERIES.

24. General instructions relating to arms, accoutrements, camp equipment, entrenching tools, small-arm practice ammunition, &c., will be found in Part I, Equipment Regulations.

Army Book 183 has been revised and is applicable for use by units during peace to show all stores held on Peace charge. Army Book 183A should be used for any stores held by units on charge as mobilization equipment.

Articles for Drill and Instruction.

25. Stores allowed for gun drill are included in Tables 1, 2 and 3.

VIII.—TOOLS.

26. Details of sets of tools peculiar to artillery only are given in this regulation. The details of sets of other tools allowed, and referred to herein, will be found in Appendix V of Equipment Regulations, Part I, 1923.

SETS OF TOOLS.

Articles.	Chests, Tool, Filled, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Section No. 7.</i>		
Aprons, canvas, white	2	2
Block, scribing, with rectangular iron base	1	...
Braces, ratchet—		
9-inch	...	1
18 "	1	...
12-inch, drills sets	...	1
18-inch, drills—		
1½-inch	1	...
1 "	1	...
1¼ "	1	...
1½ "	1	...
1 "	2	...
7/8 "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	1	...
Tapping—		
1-inch	2	...
7/8 "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
¾ "	2	...
18-inch, drills, twist, square taper shank—		
1½-inch	1	...
1 "	1	...
7/8 "	1	...
¾ "	1	...
¾ "	1	...
¾ "	1	...
¾ "	1	...
¾ "	1	...
9-inch, drills, twist, square taper shank—		
¾-inch	...	1
¾ "	...	1
¾ "	...	1
¾ "	...	1
¾ "	...	1
Post—		
24-inch Mark II	1	...
16 " " "	...	1
Braces, smiths	1	...
Brushes, hair, flat, 1-inch	...	1

SETS OF TOOLS—*contd.*

Articles.	Chests, Tool, Filled, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Section No. 7—contd.</i>		
Callipers—		
8-inch, outside pairs	1	...
6 " " " " " " " " " "	...	1
5 " " inside and outside "	1	1
4 " " inside "	1	1
4 " " outside "	...	1
Cans, oil, lubricating—		
G.S.	1	1
Small	...	1
Cases, screw, cutting, B.A. thread, Mark II, filled	1	1
Chests, tool, empty, No. 3	1	1
Chisels—		
Cross-cut—		
8-inch $\times$ $\frac{3}{4}$ -inch	1	1
7-inch $\times$ $\frac{1}{2}$ -inch	3	5
Engraving	1	...
Hand-cold, 8-inch $\times$ $\frac{3}{4}$ -inch	4	6
Rivet-head	1	1
Smiths, with wood handle—		
Hot	...	1
Cold	...	1
Compasses, wing, 10-inch pairs	1	...
Cramps, fitters, 5-inch	...	2
Dividers, spring, 6-inch, Mark II	1	1
Drifts—		
Brass, round—		
1 -inch	1	1
$\frac{3}{4}$ " " " " " " " " " "	1	1
$\frac{1}{2}$ " " " " " " " " " "	...	2
$\frac{3}{8}$ " " " " " " " " " "	...	2
Steel, round—		
1 -inch	1	...
$\frac{7}{8}$ " " " " " " " " " "	1	...
$\frac{3}{4}$ " " " " " " " " " "	1	...
$\frac{1}{2}$ " " " " " " " " " "	...	1
$\frac{3}{8}$ " " " " " " " " " "	...	1
$\frac{1}{4}$ " " " " " " " " " "	...	1
$\frac{3}{16}$ " " " " " " " " " "	...	1
$\frac{1}{8}$ " " " " " " " " " "	...	1
Drills, twist sets	1	1
Files—		
Bastard—		
Flat, 6-inch	3	3
Half-round, 6-inch	2	2
Knife, 6-inch	2	2
Round—		
16-inch	1	...
14 " " " " " " " " " "	2	2
12 " " " " " " " " " "	2	2
10 " " " " " " " " " "	2	2
8 " " " " " " " " " "	2	2
6 " " " " " " " " " "	2	2

SETS OF TOOLS—*contd.*

Articles.	Chests, Tool, Filled, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Files—contd.</i>		
<i>Section No. 7—contd.</i>		
Bastard—		
Square—		
12-inch	2	2
8 „	2	2
Warding, cut on one side—		
4 -inch	2	2
3½ „	2	2
3 „	2	2
Dead smooth—		
Flat, 12-inch	1	1
½-round, 4-inch	1	1
H.S.E., 4-inch	1	1
Fine cut—		
H.S.E., tanged—		
14-inch	1	1
12 „	2	1
10 „	1	1
8 „	1	2
Half-round—		
12-inch	1	1
10 „	1	1
8 „	1	1
Regular cut—		
H.S.E., tanged—		
16-inch	1	...
14 „	2	2
12 „	2	2
Half-round—		
16-inch	1	...
14 „	1	1
12 „	1	1
10 „	1	1
8 „	1	1
Saw taper, second cut, single—		
6-inch	2	2
4 „	2	2
3 „	2	2
Second cut, H.S.E.—		
6-inch	1	1
4 „	1	1
Smooth—		
Flat—		
12-inch	1	1
6 „	1	1
Half-round—		
12-inch „	1	1
8 „	2	2
6 „	2	2
H.S.E.—		
8-inch	2	2
4 „	1	1

SETS OF TOOLS—*contd.*

Articles	Chests, Tool, Filled, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Section No. 7—contd.</i>		
Flatters, smiths, Mark II	1	1
Fullers, smiths, large—		
Bottom	1	1
Top	1	1
Hammers—		
Fitters—		
48 oz. copper	1	1
24 „	1	1
16 „	...	1
8 „	1	1
Riveting, boilermakers—		
3½-lbs.	1	...
2½ „	1	1
Handles—		
No. 2	...	1
No. 5	...	1
No. 6	...	2
No. 7	...	1
Handles, file—		
Large... ..	5	5
Small	4	4
Swan neck	1	...
Holdalls, tool, armament artificers...	...	1
Holders, file, with handle, half-round—		
16-inch	1	...
14 „	1	1
12 „	1	1
10 „	1	1
8 „	1	1
Irons, soldering, tinmans, large	1	1
Lamps, brazing, 1-pint	...	1
Levels, spirit, adjustable	1	1
Mallets, tinmans	1	1
Oilstones, carpenters	1	1
Pliers—		
Round nose	1	1
Side-cutting, 8-inch, Mark IV	1	1
	2	2
Punches—		
Centre—		
4½-inch	2	...
4 „	...	2
Pin—		
½-inch	...	1
¾ „	...	1
1 „	...	1
Round, ½-inch × 10-inch	1	1
Smiths, cold	2	1

SETS OF TOOLS—*contd.*

Articles.	Chests, Tools, Fitted, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Section No. 7—contd.</i>		
Rules—		
Armament artificer—		
2-feet	1	...
1-foot	...	1
Smiths	1	...
Saws, hack—		
12-inch	1	1
Blades, 12-inch	6	12
Screwdrivers—		
Armament artificers, 9-inch (with tommy)	...	1
G.S.—		
14-inch	1	...
6 „	...	1
Watchmakers, $\frac{3}{8}$ -inch	...	1
Scribers	1	1
Shears, tinmans, snip, Mark II	...	1
Snaps, hand, riveting—		
$\frac{1}{2}$ -inch	...	1
$\frac{3}{4}$ „	...	1
$\frac{1}{2}$ „	...	1
Snaps, riveting, rod—		
1 -inch	1	...
$\frac{3}{4}$ „	1	1
$\frac{1}{2}$ „	1	...
$\frac{3}{8}$ „	1	...
$\frac{1}{4}$ „	1	...
Spanners—		
Armament artificer, double ended—		
1 -inch and $\frac{3}{4}$ -inch	1	...
$\frac{3}{4}$ „ „ $\frac{1}{2}$ „	1	1
$\frac{1}{2}$ „ „ $\frac{3}{8}$ „	1	...
Adjustable—		
15-inch	1	1
11 „	...	1
Squares—		
Box, fitters	1	...
Fitters—		
8-inch	...	1
4 „	1	1
Smiths, 18-inch $\times$ 9-inch	1	...
Stocks, drill—		
Breast	1	1
Hand, Mark II	1	1
Straightedges, steel, 2-feet	1	1
Tongs—		
Smiths—		
Forebit	...	1
Hollow bit	...	1
Wheeler's fitters	1	1

SETS OF TOOLS—*contd.*

Articles.	Chests, Tool, Filled, Armament Artificers.	
	Garrison Artillery.	R.H. and R.F. Artillery.
<i>Section No. 7—contd.</i>		
Vices—		
Bench, saddletree makers	...	1
Hand—		
20-oz.	1	...
Combination	1	1
Wrenches, adjustable, 9-inch	...	1
Wrenches, pipe, flat, link, $\frac{1}{2}$-inch to $2\frac{1}{2}$-inch	1	...
<i>Section No. 9—A.</i>		
Cloth, emery, No. F. sheets	6	12
Resin, black lbs.	...	$\frac{1}{4}$
<i>Section No. 13—C.</i>		
Cloths, sponge	6	6
Leathers, chamois	...	1
<i>N.I.V.</i>		
Handbook, military artificers	1	...

TOOLS.

Articles.	Fitters or Wheelers.			Forge.	Saddlers.		Shoeing.	Tinsmiths.
	Sets.				Sets.			
	No. 1.	No. 2.	No. 3.		No. 1.	No. 2.		
<i>Section No. 7.</i>								
Aprons—								
Basil, brown	...	...	...	...	...	...	1	...
Canvas, white	...	...	...	...	1	...	...	...
Augers—								
Screw, solid wing, eyed—								
1½-inch	...	...	...	...	1	...	...	...
1 " 29 inches long	...	...	...	...	1	...	...	...
¾ " "	...	...	...	...	1	...	...	...
Handles—								
16-inch	...	...	...	...	1	...	...	...
13½ " "	...	...	...	...	1	...	...	...

TOOLS—*contd.*

Articles.	Fitters or Wheelers.			Forge.	Saddlers.		Shoeing.	Tinmen.
	Sets.				Sets.			
	No. 1.	No. 2.	No. 3.		No. 1.	No. 2.		
Section No. 7—contd.								
Awls, blades—								
Buckling, 5-inch ...	...	...	...	...	...	6	...	...
" 4 " ...	...	...	...	...	...	6	...	...
Drawing ...	...	...	...	...	...	4	...	...
Garnishing, 2½-inch	...	...	...	...	...	4	...	...
" 2 " ...	...	...	...	...	...	4	...	...
Harness, 3-inch ...	...	...	...	...	1	3	...	...
" 2½ " ...	...	...	...	...	1	5	...	...
" 2½ " ...	...	...	...	...	1	5	...	...
" 2½ " ...	...	...	...	...	1	5	...	...
" 2 " ...	...	...	...	...	1	3	...	...
Pannel, 7-inch ...	...	...	...	...	...	4	...	...
" 5½ " ...	...	...	...	...	1	2	...	...
Awls, handles—								
Drawing ...	...	...	...	...	...	8	...	...
Harness ...	...	...	...	...	2	2	...	...
Pannel ...	...	...	...	...	1	6	...	...
Bag, tool, wheelers	...	...	1	...	...	...	...	...
Bones, hollow ...	...	...	...	...	...	2	...	...
Braces, carpenters, ratchet, with 24 bits	...	...	1	...	...	...	...	...
Buffers, farriers ...	...	...	...	...	...	...	1	...
Callipers, 4-inch, outside	...	pairs	1	...	...	...	...	...
Cans, oil, lubricating, small	...	...	1	...	...	...	...	...
Chisels—								
Cross-cut, 7-inch × ½-inch	...	...	1	...	...	...	...	...
Farriers, handled ...	...	...	...	...	2	...	...	...
Firmer, coachmakers, 1-inch	...	...	1	...	...	...	...	...
Hand, cold, ½-inch × 8-inch	...	...	2	...	...	2	...	...
Clams, saddlers ...	...	pairs	...	...	1	...	...	...
Claws, nail ...	...	...	...	...	...	2	...	...
Compasses, wing, 7-inch	...	pairs	...	...	...	2	...	...
Creases—								
Double ...	...	...	...	...	...	2	...	...
Single ...	...	...	...	...	...	2	...	...
Drifts—								
Brass, round, ½-inch	...	...	1	...	...	...	...	...
Steel, round, ½-inch	...	...	...	1	...	...	...	...
Files—								
Bastard, round, 10-inch	...	...	1	...	...	...	...	...
" 6 " ...	...	...	...	1	...	...	...	...
Regular out, half-round, 14-inch	...	...	...	1	...	...	...	...
" 8 " ...	...	...	...	1	...	...	...	...
" H.S.E. tanged, 12-inch	...	...	1	...	...	...	...	...
Fine out, H.S.E. tanged, 8-inch	...	...	1	...	...	...	...	...
Saw taper, second cut, single, 6-inch	...	...	...	1	...	...	...	...
Smooth, half-round, 6-inch	...	...	1	...	...	...	...	...
Gimlets, twist, No. 6	...	...	...	...	...	2	...	...
Groovers, tinmen, small	...	...	...	...	...	...	...	1

TOOLS—*contd.*

Articles.	Fitters or Wheelers.			Forge.	Saddlers.		Shoeing.	Tinman's.
	Sets				Sets.			
	No. 1.	No. 2.	No. 3.		No. 1.	No. 2.		
Section No. 7—contd.								
Hammers—								
Farriers, shoeing							1	
„ sledge, 9½-lb.				1				
„ turning				1				
Fitters, 16-oz.	1							
„ 8			1					
Riveting, 24-oz.			1					
„ 8							2	
Saddlers							2	
Handles, file—								
Large	1		1					
Small	1							
Holders, file, with handle, half-round—								
14-inch			1					
8			1					
Irons, pricking—								
12-stitch						2		
7						2		
5						2		
Irons, soldering, tinmans, large								1
Knives—								
Drawing, farriers							1	
Gauge, plough						2		
Half-round					1			
Head					1			
Searching, farriers							1	
Trimming...						2		
Lead, punching, saddlers, 4-lb., pieces						2		
Mallets, tinmans						2		1
Marline spikes, steel, 9-inch					1			
Needles—								
Collar, half-moon. 6½-inch						2		
„ „ 5½					1			
„ „ 4½						2		
Darning, 4-inch						2	6	
Harness						25	75	
Saddlers, sewing						25	25	
„ stitching						10	20	
Oiletones, carpenters			1					
Palms, saddlers					1			
Pencils, carpenters			2					
Pincers—								
Farriers								1
Saddlers							2	
Planes, smoothing			1					
Pliers—								
Flatnose						1		
Side-cutting, 8-inch, Mark IV		1	1					
Pritchels, farriers								1

TOOLS—*contd.*

Articles.	Fitters or Wheelers.			Forge.	Saddlery.		Shoeing.	Tinman's.
	Sets.				Sets.			
	No. 1.	No. 2.	No. 3.		No. 1.	No. 2.		
Section No. 7—contd.								
Punches—								
Carpenters, small	...	...	1	...	...	...	...	...
Oval, No. 31	...	...	...	...	...	2	...	...
" " 28	...	...	...	...	...	2	...	...
" " 24	...	...	...	...	...	2	...	...
" " 23	...	...	...	...	...	4	...	...
" " 22	...	...	...	...	...	4	...	...
" " 21	...	...	...	...	...	4	...	...
" " 20	...	...	...	...	...	4	...	...
Pin, $\frac{1}{2}$ -inch	...	1	...	...	...	...	...	...
" $\frac{3}{8}$ "	...	1	...	...	...	...	...	...
" $\frac{1}{4}$ "	...	1	...	...	...	...	...	...
Spring, 11-inch	...	...	...	...	1	...	...	...
Rasps—								
Farriers, 16-inch	...	...	...	...	...	...	1	...
Shoemakers, 10-inch	...	...	...	...	...	2	...	...
Rules—								
A.A., 1-foot	...	1	...	...	...	...	...	...
G.S., 4-fold	...	...	...	...	...	2	...	...
Smiths	...	...	1	...	...	...	...	...
Scissors, tailors	...	pairs	...	...	...	2	...	...
Screwdrivers, G.S.—								
14-inch	...	1	...	...	...	...	...	...
6 "	...	...	1	...	...	2	...	...
Scribers	...	1	...	...	...	...	...	...
Sets, saw, hand	...	...	1	...	...	...	...	...
Shaves, saddlers	...	...	...	...	...	2	...	...
Shears, tinmans, Scotch	...	pairs	...	...	...	...	...	1
Spanners, adjustable, 11-inch	...	...	1	...	...	...	...	...
Spokeshaves, 3 $\frac{1}{2}$ -inch	...	1	...	...	...	...	...	...
Squares, fitters, 4-inch	...	...	1	...	...	...	...	...
Stamps, farriers	...	...	...	2	...	...	...	...
Sticks, stuffing	...	...	...	...	2	...	...	...
Stocks, drill, hand, Mark II	...	...	1	...	...	...	...	...
Stones, rag, farriers	...	...	...	...	...	...	1	...
Thimbles, tailors	...	...	...	...	1	2	...	...
Tongs, farriers, turning—								
Large	...	pairs	...	1	...	...	...	...
Medium	...	"	...	1	...	...	...	...
Small	...	"	...	1	...	...	...	...
Tools, edge—								
No. 2	...	...	...	...	...	2	...	...
" 3	...	...	...	...	...	2	...	...
Valises, tool	...	1	...	...	1	...	1	...
Vices, hand, combination	...	1	...	...	...	...	...	...
Section No. 3.								
Solder, tinmans, soft	...	lbs.	...	...	...	...	...	1 $\frac{1}{2}$

TOOLS—*contd.*

Articles.	Fitters or Wheelers.			Forge.	Saddlery.		Shoeing.	Tinman's.
	Sets.				Sets.			
	No. 1.	No. 2.	No. 3.		No. 1.	No. 2.		
<i>Section No. 10—A.</i>								
Locks, iron, 2-inch	...	...	...	...	...	1	...	...
Nails, horseshoe—								
No. 6 lbs.	...	...	...	1	...	...	...	...
" 8 "	...	...	...	1	...	...	...	...
" 10 "	...	...	...	1	...	...	...	...
Nails, wire, iron, grooved—								
2½-inch ozs.	8	...	...	...	...	...	...	...
2 " "	8	...	...	...	...	...	...	...
Screws, iron, flathead—								
1½-inch, gauge No. 12	38	...	...	...	...	...	...	...
2 " " " 10	38	...	...	...	...	...	...	...
<i>Section No. 12.</i>								
Stones, rub, scythe	...	...	...	...	...	2	...	...
<i>Section No. 13—C.</i>								
Cloths, sponge	...	...	...	...	...	...	...	4

**IX.—SIGNALLING AND TELEPHONE STORES, FOR
MOVABLE ARMAMENT WILL BE ALLOWED TO THE
UNDERMENTIONED STATIONS AS FOLLOWS:—**

	HOME.						No. of Sets
Guernsey	...	...	...	...	...	...	1
Jersey	...	...	...	...	...	...	1
South Irish Coast Defences	...	...	...	...	...	...	2
ABROAD.							
Bermuda	...	...	...	...	...	...	2
Ceylon	...	...	...	...	...	...	1
Gibraltar	...	...	...	...	...	...	3
Hong Kong	...	...	...	...	...	...	5
Jamaica	...	...	...	...	...	...	1
Malaya	...	...	...	...	...	...	2
Malta	...	...	...	...	...	...	6
Mauritius	...	...	...	...	...	...	1
Sierra Leone	...	...	...	...	...	...	1

2. The stores, comprising a set of signalling and telephone equipment, are :—

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Description of Stores.	Quantity.	
	Peace.	War.
<i>Section No. 6—A.</i>		
Saddlery, universal—		
Buckets, signalling, flag	6	6
„ tripod stand	2	4
<i>Section No. 7.</i>		
Pliers, side-cutting, 8-inch, Mark IV pair	(a)	(a)
<i>Section No. 8—C.</i>		
Apparatus, aerial, signalling—		
Panels, T	2	2
Strips, 9-foot by 9-inch	12	12
Cases, message book, Mark V	2	2
Flags, signal, Army—		
Blue, small	6	6
White with stripe, small	8	8
Poles, 3 feet 6 inches	21	21
Heliographs, 5-inch, Mark V	2	2
Keys, dummy signallers	8	—
Panniers, signalling	2	2
Shutters, signalling, folding	4	4
Bags	4	4
Springs (spare)	1	4
Stands, lamp or heliograph “A,” Mark III	2	4
<i>Section No. 8—D.</i>		
Cases, compass, prismatic	2	2
Compasses, prismatic, Mark VIII	2	2
Watches, G.S.	2	2
<i>Section No. 15—B.</i>		
Stands, signalling, telescope	2	2
Telescopes, signalling	2	2
<i>Section No. 28—B.</i>		
Batteries—		
Dry, torch	8	16
„ (spare)	8	16
Inert, 2-cell (b)	1(h)	1
„ (spare) (b)	1	1
Bulbs, 3.5 volt P. (spare)	8	16

Description of Stores.	Quantity.	
	Peace.	War.
<i>Section No. 28—B—contd.</i>		
Cable—		
Electric—		
D 2, Mark IV miles	6	9
D 3, Mark IV twisted "	$\frac{1}{2}(c)$	...
D 8, Mark IV twisted "	$\frac{1}{2}(c)$	...
Cells, dry—		
X, Mark II	16(i)	...
" (spare)	16(i)	...
Cells, inert—		
Q (d)	4(h)	4
Q (spare) (d)	4	4
S (e)	40(h)	42
S (spare) (f)	56	58
Detectors—		
Q and I	2	
" (cases)	2	2
Drums, cable, No. 5	1	...
Reels, cable—		
No. 1	10	14
" 2	12	12
" spindles	8	8
" " rivets (spare)	9	9
" " springs (spare)	2	2
Strips, terminal, 8-pair	1	1
Tape, insulating, $\frac{1}{4}$-inch lb.	1(i)	1
Torches, hand (w th bulb, 3-5 volt, P.)	8	16
<i>Section No. 29—A.</i>		
Apparatus, cable laying, R.A. sets	2	2
Bars, carrying, reel, cable, No. 1	2	2
Belts—		
Lineman, leather	(a)	(a)
Reel, cable, No. 2	6	6
" " sockets (spare)	6	6
Boxes—		
Spare cell, large	1	1
Tin, japanned (or wood polished), stationery, unit B	...	1
Buckets, reel, cable, No. 2	6	6
Cases, microphone, capsule	1	1
Climbers, pole pairs	2	2
Counters, bone	20	20
Earcushions, telephone	8	11
Frogs, pliers, side-cutting, 8-inch	(a)	(a)
Fullerphones, Mark III*	2	2
Labels, line "H" (or "G")	50	200
Lamps—		
Sig., daylight, short-range, Mark II	2	2
Buckets	2	2
Microphones, capsule, Mark I	6	9
Pins, earth, small	8	11

Description of Stores.	Quantity.	
	Peace.	War.
<i>Section No. 29—A—contd.</i>		
Sticks, crook, jointed, Mark II sets	2	2
Straps	2	2
Switch, units, buzzer, 7 + 3...	1	1
Telephone sets—		
No. 44A	1	1
No. 110	2	2
D, Mark III	8	9
<i>N.I.V.</i>		
Pouches, Lineman's (filled)	1	1
Containing—		
<i>Section No. 7.</i>		
Screwdrivers, watchmakers', $\frac{1}{4}$-inch	1	
Screwdrivers, watchmakers', $\frac{3}{8}$-inch	1	
<i>Section No. 28—B.</i>		
Nippers, side-cutting, 5-inch pair	1	
<i>Section No. 29—A.</i>		
Cases, tools, telegraph instrument	1	
Cleaners, contact, telegraph instrument	1	
Pins—		
Adjusting, 4-inch	1	
" $2\frac{1}{4}$ -inch stout	1	
" $2\frac{1}{2}$ -inch fine	1	
Pliers, side-cutting, 5-inch pair	1	
Tweezers, small	1	
R.A.C.D. SUPPLY.		
<i>Pimlico Section, No. 26.</i>		
Scissors, buttonhole pairs	1	

- (a) 1 for each signaller, when not provided for in other scales.
 (b) For telephone sets, No. 44A.
 (c) For instruction in jointing.
 (d) For telephone sets, No. 110.
 (e) 4 for each fullerphone; 2 for each telephone set, D, Mark III; 8 for each lamp, sig., daylight, short-range.
 (f) 4 for each fullerphone; 2 for each telephone set, Mark III; 24 for each lamp, sig., daylight, short-range.
 (h) Peace training only. Not available for war.
 (i) 2 for each " Buzzers practice " (Section No. 29—A) when issued.
 (j) Annual supply.

The difference between the peace and war scales will be held by R.A.O.C., but they can be issued to units if necessary by the authority of G.O.C.

For stations at home, not mentioned in para. 1, the scale of issue; number of sets to be allowed will be notified as occasion arises.

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE BATTERIES.

Proportion per Piece, except where otherwise stated.									
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.	
		60-pr.	2-75-in.			4-5 in.	3-7 in.		
Guns and Howitzers	...	Nature :	I, I*, & I**.	I ^c , I.	18-pr.	6-in. 26-cwt.	I.	I.	
		Mark :			I, I*, & II.	I.	I.	I.	
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.	
		Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	

Weedon Section "C."									
Cans, oil, lubricating, armours (a)	...	...	...	...	...	2	...	...	For each battery.
Clams, armours, standing vice	...	...	...	...	...	1	...	...	"
Corks, clam	...	...	...	...	...	1	...	...	"
Tools, clearing, .303-inch arms—	...	...	...	...	...	1	...	...	"
Bits, screw	...	...	...	...	...	1	...	...	"
Bushes, bit screw	...	...	...	...	...	1	...	...	"
Rods, No. 2	...	...	...	...	...	1	...	...	"

(a) For oil, lubricating, mineral, machinery light.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.					Remarks.
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.	
60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5 in. 3-7 in.	
Guns and Howitzers	Nature :	I, I*, & I**.	I ^c , I.	I, I*, & II.	I.
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Q.F.
	Mark :	I & III.	I.	I, I*, I**, II.	I.
Section No. 1—A.					
Caps, knee, musketry	...	36	36	36	36
Frogs, wire cutter, folding	...	10	10	20	10
Whistles, artillery	...	(b)	(b)	(b)	(b)
Section No. 2—A.					
Axes, felling, curved helve	...	1	1	1	1
Buckets, water, G.S., canvas	...	4	2	4	2
Helves, manl, 34½-inch	...	1	...	...	...
Hooks, bull	...	1	2	2	1
Mauls, G.S. heads	...	1	...	...	...
For each battery.					

	1	...	...	...	2	...	...	...	For each section.
Crowbars—									
5 feet 6 inches	...	...	...	...	...	...	...	...	"
4 feet 1 inch	...	...	...	...	...	...	...	...	"
3 feet 6 inches	...	...	...	...	...	...	...	...	
Shovels, G.S.	2	2	4	3	2	2	2	2	
Spades, Mk. III.	...	...	...	...	...	...	...	...	
Wedges, sawyers	3	...	...	...	3	...	...	...	For each battery.
<i>Section No. 7.</i>									
Anvils, 5-lbs. 10-oz. (a)	1	...	...	...	1	...	...	...	For each battery.
Anvils, $\frac{1}{2}$-cwt.	...	...	...	...	...	...	...	...	"
Axes, hand, 3-lbs.	...	...	...	...	...	...	...	...	"
Bellows, tinmans	...	...	...	...	...	...	...	...	"
Blocks, anvil, $\frac{1}{4}$-cwt.	...	...	...	...	...	...	...	...	"
Brushes—									
Hair, flat, $\frac{1}{4}$ -inch (c)	1	...	...	...	1	...	...	...	"
Hair, flat, 1-inch (c)	1	...	...	...	1	...	...	...	"
Sable writing duck large (a)	2	...	...	...	2	...	...	...	"
Watchmakers (c)	1	...	...	...	1	...	...	...	"
Carborundum, 3-inch stone, No. 149	1	...	...	...	1	...	...	...	"
Cases, saw hand	1	...	...	...	1	...	...	...	"
Chests, tool, filled—									
Armament artificers, R.H. & R.F.A.	1	...	...	...	...	...	...	...	"
Carpenters and wheelers	1	...	...	...	1	...	...	...	"
Smiths	...	...	...	...	1	...	...	...	"
Chests, tool, screwcutting, B.S.W. thread, Mk. IV—									
"B"	1	...	...	...	1	...	...	...	"
"C"	1	...	...	...	1	...	...	...	"
Chisels, ripping (d)	...	...	...	...	...	...	...	...	"
Cutters, wire folding	10	10	1	1	10	20	1	10	"
Eyeglasses (c)	1	...	...	...	1	...	...	...	"

(a) For marking purposes.

(c) For use in conjunction with "Tools, No. 7 dial sight."

(b) One per Warrant Officer (Class II), Staff-sergeant or Sergeant.

(d) Tools, opening packages

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.	
	Mark :	I, I* & I**.	I ^c , I.	I, I*, & II.	I.	I II.	I.	
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.	
	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 7—contd.								
Files—								
Dead smooth, flat, 4-inch (d)	...	1	...	...	1	...	...	For each battery.
Dead smooth, round, 4-inch (d)	...	1	...	...	1	...	...	"
Fine cut, H.S.E., tanged, 8-inch	...	...	...	...	1	...	...	"
Fine cut, half-round, 8-inch	...	...	...	...	1	...	1	"
Second cut, half-round, 6-inch	...	1	1	1	...	1	...	For each section.
Smooth, H.S.E., 8-inch	...	1	1	1	...	1	...	"
Smooth, flat, 6-inch ...	...	...	...	1	...	1	...	"
Hammers—								
Claw, 32-oz.	...	1	...	...	1	...	...	For each battery.
Claw, 24-oz.	...	...	1	1	...	1	...	"
Riveting, 8-oz. (s)	...	1	...	1	...	1	...	"
Riveting, 24-oz. (s)	...	...	...	...	...	...	...	For each battery.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.					Remarks.	
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
		60-pr.	2-75-in.	18-pr.	6-in. 28-cwt.	4-5-in.		3-7 in.
Guns and Howitzers	...	Nature :	I, I*, & I**.	I, I*, I.	I.	I, II.	I.	
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, Field.	Carriage, Travllg.	Carriage, Field.	Carriage, Q.F.	
	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 7—contd.								
Tools— <i>contd.</i> —								
Saddlers—								
No. 1 Set	...	...	...	...	...	...	...	
No. 2 Set	...	...	...	...	...	...	...	
Shoeing	...	...	...	...	...	...	...	
Tinmans	...	...	...	...	...	...	...	
Forge	...	...	...	...	...	...	...	
Tools, screwcutting, bolt and nut, R.A. field—								
Chest filled	...	...	...	...	...	...	...	
Vice, bench, parallel, 12-lbs. (a)	...	...	...	...	...	...	...	
Vice, bench, saddle-tree makers	...	...	...	...	...	...	...	
Vices, standing, 36-lbs.	...	...	...	...	...	...	...	
							For each battery.	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.								Remarks.
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		3-7-in		
60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5 in.	I.			
Guns and Howitzers	Nature :	I, I*, & I**.	I ^c I.	I, I*, & II.	I. II.	I.		
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Q.F.		
	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.		
Section No. 8—D.								
Boards, sketching, common (a)	...	2	2	...	...	2	For each battery.	
Cases, compass, prismatic	...	1	...	...	2	...	"	
Compasses—								
Beam, 26-inch	...	1	...	1	1	...	"	
Magnetic, plane table, Mark II	...	2	2	2	2	2	"	
Magnetic, pocket, Mark VI (a)	...	2	2	...	...	2	"	
Prismatic, Mark VIII	...	1	...	...	2	...	"	
Instruments, drawing—								
G.S. ...	sets	2	...	...	2	...	"	
Field, Mark II. (with cases) (a)	...	2	2	...	...	2	"	
Pencils, lead (b)	...	1	1	1	1	1	"	
Plus, drawing (b)	...	1	1	1	1	1	"	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

			Proportion per Piece, except where otherwise stated.					Remarks.	
			B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	...	Nature :	60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	I.
		Mark :	I, I* & I**.	I ^c , I.	I, I* & II.	I.	I, II.		
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.	I.
		Mark :	I & III.	I.	I, I* I**, II.	I.	I.		
Section No. 9—A—contd.									
OIL—	Lubricating, G.S. (b)	...	...	...	2	4	2	6	For each battery
	Lubricating, mineral, machinery, light (c)	...	...	...	...	2	...	...	"
	Mineral (for buffers and recuperators) (d)	...	12	24	...	12	...	12	"
	Mineral, burning (e)	...	...	...	...	2	...	...	"
	Rangoon	...	...	...	21	...	12	6	"
	Plaster of Paris	...	4	...	...	...	...	4	"
	Soda, caustic	...	...	...	...	2	...	...	"
	Tallow	...	...	1	...	1	...	1	"
	Zinc, chloride of, solution	...	...	...	...	...	...	6	"
		...	...	...	...	...	...	...	"

Section No. 9-B.

Bottles—

Stone, 1-pint ...	...	...	...	1
Tin oil, 1-gall. (a)	...	...	...	...

Section No. 10—A.†

Bolts, with nuts—

Bosshead—

Square—	1 inch	3 1/4 inches	...	...	...
	1/2 "	3 1/4 "	...	...	...
	1/4 "	7 1/8 "	...	...	...
	1/8 "	6 "	...	...	...
Countersunk head—			...	...	...
Square, 3/8-inch × 2-inch			...	...	...
Revelled—			...	...	...

Bolts, without nuts—

Hexagon head, $\frac{3}{8}$ -inch $\times$ $1\frac{1}{2}$ -inch	...	...
Nuts, hexagon, $\frac{3}{8}$ -inch	...	spare
Chain, brass, solid, link—	...	...
No. 1	...	...yards
No. 3	...	...
Nails—	...	...

For each section.
For each battery.
"
For each section.
"
For each battery.

(a) For mineral oil, as required according to quantity of oil in possession.

(c) For sighting gear.

(d) To replace unserviceable, will be replaced when certified necessary.

† In many instances the sizes of the bolts, split pins and rivets shown in this section are being omitted from the Vocabulary supply. (e) *ARMANDO*, supply.

(b) For small arms, &c.

(e) R.A.S.C. supply.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									Remarks.	
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.						
60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.					
I, I*, & I**	I ^c , I.	I, I*, & II.	I.	I. II.	I.					
Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.					
I & III.	I.	I, I*, I**, II.	I.	I.	I					
Guns and Howitzers	...	...	Nature :							
	...	...	Mark :							
Carriages or Mountings	...	...	Nature :							
	...	...	Mark :							
Section No. 10—A—contd.										
Rivets— <i>contd.</i>										
Steel, bosshead—										
$\frac{1}{4}$ -inch $\times$ 2 $\frac{1}{4}$ -inch (b)	...	...	...	...	...	...	36	...	...	For each battery
" $\times$ 1 $\frac{1}{4}$ "	...	...	...	...	6	...	...	...	8	"
" $\times$ 2 "	...	...	...	...	...	...	36	...	...	"
" $\times$ 1 $\frac{1}{2}$ "	...	...	...	...	6	...	...	...	8	"
" $\times$ $\frac{3}{4}$ " (b)	...	...	...	...	...	...	18	...	...	"
" $\times$ 1 $\frac{1}{4}$ "	...	...	...	...	6.	...	...	...	8	"
$\frac{5}{16}$ " $\times$ 1 $\frac{1}{4}$ "	...	...	...	...	...	...	45	...	...	"
$\frac{5}{16}$ " $\times$ 1 "	...	...	...	...	...	...	...	...	8	"
$\frac{1}{4}$ " $\times$ 1 $\frac{1}{4}$ "	...	...	...	...	6	...	...	...	...	"
Screws—										
Brass, flathead—	...	...	...	...	...	6	...	6	...	"
$\frac{1}{4}$ -inch, gauge No. 8 (a)	...	...	...	...	...	...	...	...	...	"

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.							Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.			
		60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.		
Guns and Howitzers	...	Nature :	I. ^c . I. ^{**} .	I. ^c . I.	I. [*] . II.	I.	I. II.	I.	
	...	Mark :							
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.	
	...	Mark :	I & III.	I.	I, I. [*] . I. ^{**} , II.	I.	I.	I.	
Section No. 12.									
Balances, spring 300-lbs.	...	...	...	1	...	...	...	1	For each battery.
Handcuffs, common	...	...	...	2	2	2	2	2	
Machines, chaff-cutting (light) (a)	...	...	...	...	...	...	...	...	
Section No. 13—C.									
Cotton, waste, white	...	...	...	...	8	...	8	...	"
Flannelette	...	...	...	...	14	...	14	24	"
Hemp, undressed	...	...	...	...	...	12	...	...	"
Tow, jute	...	...	...	...	...	12	...	...	"

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers		...	Nature :	Proportion per Piece, except where otherwise stated.				Remarks.	
				B.L. Guns.	Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
				60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.		
				I, I*, I**.	Ic, I.	I, I*, II.	I.	4.5-in.	3.7 in.
								I.	I.
								Carriage, Field.	Carriage, Q.F.

TABLE NO. I.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers				Proportion per Piece, except where otherwise stated.				Remarks.		
Nature :	...	Mark :	...	B.L. Guns.		Q.F. Guns.	B.L. Howzrs.		Q.F. Howzrs.	
				60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.		4-5-in.	3-7-in.
Nature :	...	Nature :	...	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.	
Mark :	...	Mark :	...	I & III.	I.	I, I*, I**, II.	I.	I.	I.	

Section No. 14—contd.									
Carriages, field, etc.— <i>contd.</i>									
Recuperator—									
Packing, piston, "Lion"	...	(spare)		...	...	2	...	...	For each battery.
Plugs—									"
Adapter hole ...	...	("		...	...	2	...	...	
Filling hole ...	...	("		...	...	2	...	...	
Rings, packing—									
Rubber, U-section, piston	...	("		...	...	4	...	...	
Stuffing box, L-section	...	("		...	...	2	...	...	
Springs, piston packing	...	("		...	...	1	...	...	For each section.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.	
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.			
		60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.		
Guns and Howitzers	...	Nature :	I, I*, I**.	I*, I.	I, I*, II.	I.	I, II.	I.	For each section. " "
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Traveling.	Carriage, Field.	Carriage, Q.F.	
	Mark :		I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 14—contd.									
Disc, testing dial-sight carrier, Q.F., 4.5-in., Howitzer	...	...	...	...	...	...	1	...	For each section. " "
Funnels, filling cylinder— No. 1 (a)	...	...	...	...	...	1	...	...	
No. 2	...	...	...	...	...	1	...	...	
Handles— Catch, No. 29, Mark II, limber hook and No. 1 perch hook	...	...	...	...	...	...	...	...	
Driving, Nos. 2 and 5, two-stage, horizontal air pump	...	...	...	...	...	1	...	...	
Hose, No. 2 and 5, horizontal air pump, Mark II, ... indicators, fuze, Nos. 8, 9 or 10	...	...	...	...	...	1	...	...	
	...	...	...	...	...	2	...	...	

Screws—	3	..	1	..	..	For each section.
Brass—						
Boshead, $\frac{3}{16}$ -inch diameter by $\frac{1}{4}$ -inch long	..	..	1	..	..	For each section.
Lubricating hole—						
Boshead, $\frac{3}{16}$ -inch by $\frac{1}{4}$ -inch	..	..	..	..	..	
Boshead, $\frac{5}{16}$ -inch by $\frac{1}{4}$ -inch	..	..	2	..	2	
Cheesehead, $\frac{1}{2}$ -inch by $\frac{3}{8}$ -inch	..	..	2	..	..	
Sights—						
Bar, carriage field, Q.F., 4.5-inch, Howitzer	..	..	..	..	1	For each battery.
Fore bar, sights, Q.F., 4.5-inch Howitzer (spare)	..	..	..	..	1	
Rocking bar—						
Q.F., 18-pr., Marks I-II, field carriages	..	..	1	..	..	
Socket, pickaxe helve, Q.F., 18-pr., Marks I and II	..	..	1	..	..	
carriages	..	..	1	..	..	
Spanners—						
No. 93.	..	..	1	1	1	For each section.
" 244	..	..	1	..	..	For each battery.
" 267	..	..	1	..	..	
Spanners, hydraulic buffer—						
No. 122	..	..	..	..	..	
" 123	..	..	1	..	..	
" 129 (c)	..	..	1	..	..	
" 162, with tommy, No. 37 (c) (d)	..	..	1	..	..	
" 163 (d) (c)	..	..	1	..	..	
" 165, Mark II (d) (c)	..	..	1	..	..	
Spanners, hydraulic buffer—(e)						
No. 169	..	..	1	..	..	
" 170	..	..	1	..	..	
" 171	..	..	1	..	..	
" 172	..	..	1	..	..	
" 173	..	..	1	..	..	
" 174	..	..	1	..	..	
" 176, with tommy, No. 37	..	..	1	..	..	

(a) Not required for carriages fitted with air recuperator.
 (b) For carriages fitted with air recuperator.
 (c) For Mark I carriages.
 (d) For carriages fitted with buffer tanks.
 (e) For Marks I* to II carriages.

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
		60-pr.	2.75-in.	19-pr.	6-in. 26-cwt.	4.5-in.	3.7 in.	
Guns and Howitzers	...	Nature :	I, I*, I**.	I, I*, II.	I.	I. II.	I.	
		Mark :	I. I.					
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.	
		Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	
Section No. 14—contd.								
Spanners, hydraulic buffer—								
" 145, Mark II	...	...	...	...	...	1	...	
" 146, Mark II	...	...	...	...	...	1	...	
" 147	...	...	...	...	...	1	...	
" 284	...	...	...	...	...	1	...	
" 285	...	...	...	...	...	1	...	
" 288	...	...	...	...	...	1	...	
Spanners, Nos. 2, 3 and 5, horizontal air pump—								
Large	...	...	...	3	...	...	6	For each battery.
Small	...	...	...	3	...	...	6	"
Spindles, catch, limber hook—								
No. 2	...	...	...	1	...	...	...	For each section.

Springs—									
Catch, limber and perch hook	()	...	...	2	...	1	...	For each battery.	
Disc, No. 62	()	6	...	4	...	...	...	"	
Firing gear, Q.F., 18-pr. (a)	()	...	...	4	...	...	...	"	
Shield pawl, Q.F., 13- and 18-pr.	()	...	...	1	...	...	...	"	
Spiral, clock type, range gear	()	...	...	3	...	...	...	"	
Traversing lever, Q.F., 13- and 18-pr.	()	...	...	2	...	...	...	"	
Spring, bracket, supporting sights, carriage, Q.F., 4.5-inch howitzer	()	...	...	...	...	1	...		
Springs, Q.F., 4.5-inch howitzer—	()	...	...	...	...	1	...		
Capsquare pin	()	...	...	...	...	1	...		
Pawl, gear, clamping cradle	()	...	...	...	...	1	...		
Plunger, clip, securing, traversing lever	()	...	...	...	...	1	...		
Shield shutter	()	...	...	...	...	1	...		
Spiral, automatic clamp, bar sight...	()	...	...	...	...	1	...		
Traversing lever	()	...	...	...	...	1	...		
Staples, lashing—	...	...	...	...	...	...	...	For each section.	
Riveting, $\frac{5}{16}$ -inch, $\frac{3}{4}$ -inch strap	...	...	...	...	9	...	...	For each battery.	
With plate—	...	...	...	...	...	...	...		
Double, $\frac{1}{4}$ -inch, 4-inch long	...	...	...	...	3	...	...	"	
Single, $\frac{1}{4}$ -inch, 3-inch long	...	9 (b)	...	...	9	...	...	"	
Riveting, $\frac{1}{4}$ -inch (b)	...	9	...	...	...	...	...	"	
Steel pieces—	...	...	...	...	...	...	...		
Bolt—	...	...	...	...	...	...	...		
2-foot 8-inch $\times$ 1-inch	...	...	...	...	3	...	...	"	
2- " 8- " $\times$ $\frac{5}{8}$ "	...	1	...	...	4	...	1	"	
2- " 8- " $\times$ $\frac{3}{4}$ "	...	...	...	...	4	...	...	"	
Flat—	...	...	...	...	...	...	...		
2-foot 8-inch $\times$ 3-inch $\times$ $\frac{1}{4}$ -inch	...	...	...	...	6	...	1	"	
2- " 8- " $\times$ 2- " $\times$ $\frac{1}{4}$ "	...	...	...	...	6	...	...	"	
Plate—	...	...	...	...	...	...	...		
1-foot 2-inch $\times$ $\frac{1}{4}$ -inch $\times$ 8 $\frac{1}{2}$ -inch	...	...	...	...	3	...	...	"	
1- " 2- " $\times$ $\frac{1}{4}$ " $\times$ 6- "	...	...	...	...	3	...	...	"	
Tire—	...	...	...	...	...	...	...		
12-inch $\times$ 3-inch $\times$ $\frac{1}{4}$ -inch curved	...	...	...	...	3	...	...	"	

(b) Annual supply, repair of carriages.

(a) Demands should state mark of carriage for which required.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

			Proportion per Piece, except where otherwise stated.					Remarks.	
			B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
			60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.	
Guns and Howitzers	...	...	Nature :	I, I*, I**.	I, I.	I, I*, II.	I.	I. II.	
Carriages or Mountings	...	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Q.F.	
			Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	
Section No. 14—contd.									
Straps, securing†—									
1-inch x 72-inch	...	...	...	...	...	1	...	...	
1 " x 63 "	...	...	...	...	...	...	...	...	
1 " x 54 "	...	...	...	...	...	...	...	...	
1 " x 54 " D.L.	...	...	...	...	...	...	...	...	
1 " x 48 "	...	...	...	...	...	...	...	...	
1 " x 48 " R.L.	...	...	...	...	...	12	...	...	
1 " x 44 "	...	...	...	...	...	2	...	...	
1 " x 44 " D.L.	...	...	...	...	...	...	...	...	
1 " x 36 "	...	...	...	...	...	...	...	...	
1 " x 36 " D.L.	...	...	...	...	...	6	...	...	
						1	...	...	

1	30	...	...	...	...	...	25	1	4	...
1	30	D.L.	...	...	...	...	...	...	...	...
1	26	...	...	...	...	...	3	2	3	...
1	22	...	...	...	...	...	10	1	4	...
1	18	...	...	...	...	...	3	4	2	...
1	13	...	...	...	...	...	2	2	...	...
1	10	...	...	...	...	...	6	2	...	...
1	10	with 1 loop	...	...	...	...	1	...	...	...
1	10	with 2 loops	...	...	...	...	1	...	...	...
1	36	...	...	...	...	...	1	...	...	...
1	22	...	...	...	...	...	1	...	...	...
1	18	...	...	...	...	...	3	...	...	...
1	15	...	...	...	...	...	...	2	...	...
1	13	...	...	...	...	...	1	...	...	...
1	10	...	...	...	...	...	...	...	...	...
1	10	D.L.	...	...	...	...	...	...	...	...
Tommy—										
No. 40 (a)										
1	...	...	...	...	...	...	1	...	...	...
Tools—										
Packing gland, Q.F., 18-pr., Mark I and B.L.										
2.75-inch—										
Collar	...	...	...	...	...	...	1	2(b)	...	For each battery
Plug	...	...	...	...	...	...	1	2(b)	...	"
Withdrawing ring supporting packing, field carriages	...	...	...	...	...	...	...	1(b)	1	"

† For detail and number of straps, see list, p. 54, following Section 14 in the case of 60-pr. equipment.

(a) For Marks I* and II carriages.

(b) For Mark I carriages only.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.					Remarks.
		B.L. Guns.	Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5 in.	3-7-in.
	Mark :	I, I*, I**.	I, I.	I, I*, II.	I.	I. II.	I.
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.
	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.
Section No. 14—contd.							
Trays—							
Box, ammunition—							
Q.F., 13- and 18-pr. carriage limber—							
Lower "A,"							
Upper							
Q.F., 18-pr., Mark II—							
Wagon, limber							
Wagon							
Ammunition—							
Limber and wagon—							
Q.F., 4-5-inch howitzer							
		...	...	...	...	6	...

DETAIL OF A SET OF STRAPS FOR THE UNDERMENTIONED VEHICLES OF B.L. 60-PR. EQUIPMENT.

Straps, securing— 3-inch x 10-inch 4-inch x 10-inch		Carriage, B.L. 60-pdr., Mk. I.	Carriage, B.L. 60-pdr., Mk. III.	Lumber, B.L. 60-pr. Carr., Mk. I.	Lumber, B.L. 60-pr. Carr., Mk. III.	Lumber, B.L. 60-pr. Carr., Mk. II	Wagon, B.L. 60-pr.	Wagon, Ammun., B.L. 60-pr., Mk. II.	Remarks.
1 " x 10 "	...	1	2	...	...	...	...	...	1
1 " x 10 "	...	1	...	...	...	...	...	...	1
1 " x 13 "	...	4	7	1	...	...	...	...	4
1 " x 18 "	...	...	...	2	...	...	...	...	4
1 " x 22 "	...	...	...	...	...	...	...	...	4
1 " x 26 "	...	...	...	...	...	...	...	...	4
1 " x 30 "	...	...	...	...	...	...	...	...	4
1 " x 36 "	...	...	...	...	...	...	...	...	4
1 " x 36 "	...	...	...	...	...	...	...	...	4
1 " x 44 "	...	...	...	...	...	...	...	...	4
1 " x 48 "	...	...	...	...	...	...	...	...	4
1 " x 54 "	...	...	...	...	...	...	...	...	4
1 " x 72 "	...	...	...	...	...	...	...	...	4
1 " x 54 "	...	...	...	...	...	...	...	...	4

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.							Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.			
		60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.		
Guns and Howitzers	Nature :	I, I*, & I**.	I ^c , I.	I, I*, & II.	I.	I.	I.		
	Mark :								
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travllg.	Carriage, Field.	Carriage, Q.F.		
	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.		
Section No. 15—A.									
Measures, filling, hydraulic buffer, No. 1	..	..	..	..	1	..	..		
Pockets, tube, land service	..	1	..	..	1	..	..		
Pockets, tube, mountain artillery	..	..	1	..	..	..	..		
Straps, tube box, long	..	1	1	..	1	..	..		
Screws, lubricating hole—	..	..	..	..	..	..	..		
Boreshead—	..	2	..	..	..	..	..		
5/16-inch × 3/4-inch	(spare)							For each section.	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers				Carriages or Mountings				Binoculars			
Nature :				Mark :				Remarks.			
...				...				...			
...				...				...			
...				...				...			
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TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

			Proportion per Piece, except where otherwise stated.						Remarks.
			B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
			60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
Guns and Howitzers	...	Nature :	I, I* & I**.	I ^c , I.	I, I* & II.	I.	I, II.	I.	
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travllg.	Carriage, Field.	Carriage, Q.F.	
		Mark :	I & III.	I.	I, I* I**, II.	I.	I.	I.	
<i>Section No. 15—B—contd.</i>									
Gun, Rule—									For each battery
B.L., 6-in. 26-cwt. Howitzer	...	...	...	...	...	6	...	...	"
Q.F., 4.5-inch Howitzer	...	...	1	1	1	...	1	1	"
Laths, adjusting, artillery range-finder	...	...	7(a)	...	...	7(a)	...	...	"
Parallelogscopes	...	...	1	1	1	1	1	1	"
Periscope, No. 14	...	...	1	1	1	1	1	1	"
Plotters—									
Field, Mark IV (with case)	...	...	1	1	1	1	1	1	"
Posts, aiming—									
Circular, head	...	...	6	6	6	6	6	6	"

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.							
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.	
60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5 in.	3-7 in.		
I, I*, & I**.	I ^c , I.	I, I*, & II.	I.	I. II.	I.		
Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.		
Guns and Howitzers Nature :	I & III.	I.	I, I*, I**, II.	I.	I.		
Carriages or Mountings Mark :							
<i>Section No. 15—B—contd.</i>							
Tools, No. 7 dial sight—							
No. 1 (removing eyepiece)	1	...	...	1	...	For each battery	
No. 2 (removing cap micrometer head)	1	...	...	1	...	"	
No. 3 (removing plug supporting pillar)	1	...	...	1	...	"	
No. 4 (removing lower prism)	1	...	...	1	...	"	
No. 5 (removing cap, upper prism holder, arge)... ..	1	...	...	1	...	"	
No. 6 (removing ring retaining upper prism)	1	...	...	1	...	"	
No. 7 (removing pin securing toothed segment)	1	...	...	1	...	"	
No. 16 (removing mount upper prism)	1	...	...	1	...	"	
Wrenches, adjusting, No. 7 dial sight and carrier	2	2	3	2	3	"	
<i>Adapter— Section No. 16—A.</i>							
Pressure, gauge, Q.F., 3-7-inch howitzer (with cap)	...	...	...	...	...	1	
For each battery							
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Section No. 16—A.—contd.

Apparatus, adjusting, running out springs, B.L., 2.75-inch ...									
Bar, testing, bar sight, B.L., 2.75-inch ...	...	1	...	...	...	...	...	...	For each battery.
Bar, supporting draught pole, No. 4 (spare) ...	6	1	...	...	6	...	...	...	"
Bearers—									
Breech, B.L., 10-pr. and 2.75-inch ...	...	1	...	...	...	...	...	...	"
Joint chase, B.L., 10-pr. and 2.75-inch ...	...	9(a)	...	...	...	...	...	...	"
Recoil cradle, B.L., 2.75-inch ...	...	2	...	...	...	...	...	...	"
Q.F., 3.7-inch howitzer—									
No. 1, Mark I ...	...	...	...	...	...	...	...	10	"
No. 2, Mark I ...	...	...	...	...	...	...	...	18	"
No. 3 ...	...	...	...	...	...	...	...	9	"
Blocks, brake, 6-inch tire ... (spare)	3	...	...	...	3	...	...	...	"
Blocks—									
Packing shell—									
Mark II, wagon and limber, B.L., 60-pr.—									
H.E. (c) ...	20	...	...	...	...	...	...	...	For each section.
Shrapnel (c) ...	20	...	...	...	...	...	...	...	
Bolts—									
7 16-inch tire, 3/8-inch thread, by 3 1/5-inch ...	...	1	...	...	...	...	...	...	
Boxes—									
Cartridge, B.L., 60-pr., Mark II ...	40	...	...	...	...	...	...	...	
Fuze, No. 33 ...	4	...	...	...	...	...	...	...	
Grease, 1-lb. ...	...	1	...	...	...	...	...	1	"
No. 6 carrier with No. 7 dial sight ...	1	...	...	...	...	...	...	...	
Obturator pad and discs, B.L., 10-pr. and 2.75-inch converted guns ...	...	1	...	...	...	...	...	...	
Pack transport, breech mechanism and sights, B.L., 2.75-inch ...	...	7(b)	...	...	...	...	...	...	For each battery.
Pack, transport, ammunition, B.L., 10-pr. or 2.75-inch, Shrapnel or H.E. ...	...	18	...	...	...	...	...	...	
Pack transport, breech mechanism, Q.F., 3.7-inch howitzer ...	...	...	...	...	...	...	...	1	
Pack transport, No. 3 horizontal, air pump ...	...	...	...	...	...	...	...	1	

(a) One per gun and one per section spare.

(b) Includes one spare.

(c) 8 for each limber and 12 for each wagon.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.					
	B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.
	60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in. 3.7-in.
Guns and Howitzers	Nature :				
	Mark :	I*, & I**.	I*, & II.	I.	I, II.
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, Field.	Carriage, Travlg.	Carriage, Q.F.
	Mark :	I & III.	I, I*, I**, II.	I.	I.
<i>Section No. 16—A—contd.</i>					
Boxes—<i>contd.</i>					
Pack transport, spare parts and tools, Q.F., 3.7-inch howitzer	...	...	...	...	1
Pack transport, ammunition, Q.F., 3.7-inch howitzer	...	...	...	...	22(a) 6
Pack transport, sights, Q.F., 3.7-inch howitzer	...	...	...	...	6
Pack transport, small stores, Q.F., 3.7-inch howitzer	...	...	...	...	1(d)
Bracket, oscillating, No. 7 dial sight, Q.F., 3.7-inch howitzer, Mark II	...	...	...	...	...
					For each battery. " " "

Bracket, oscillating, No. 7 dial sight, Q.F., 3.7-inch howitzer, Mark I—	...	...	...	...	...	...	1	
Nut worm spindle ... (spare)	...	...	...	...	...	...	1	
Brackets, oscillating, No. 7 dial sight, Q.F., 3.7-inch howitzer, Mark II—	...	...	...	...	...	...	1	
Disc, friction arc, retaining spring plunger (spare)	...	...	...	...	...	...	3	
Plunger, retaining, arc ... (")	...	...	...	...	...	...	1	
Pointer, range dial, with clamping screw ... (")	...	...	...	...	...	...	1	
Nut eccentric bush ... (")	...	...	...	...	...	...	4	
Screws, guide supporting bracket ... (")	...	...	...	...	...	...	2	
Screws, securing adjusting nut clamping ... (")	...	...	...	...	...	...	2	
Screws, securing cover plate, bracket range gear—	...	...	...	...	...	...	4	
Hexagon head ... (spare)	...	...	...	...	...	...	1	
Countersunk head ... (")	...	...	...	...	...	...	1	
Screws, securing range dial ... (")	...	...	...	...	...	...	4	
Springs, compression eccentric bush ... (")	...	...	...	...	...	...	2	
Screws, retaining, arc ... (")	...	...	...	...	...	...	6	
Buffers, hydraulic, carriage field, B.L. 60-pr., Marks I to III, carriages—	...	...	...	...	...	...	...	
Rings, packing, L section (c) ... (spare)	2	...	...	...	...	...	...	
Washers, packing, (c) ... sets (")	2	...	...	...	...	...	...	
Caps, breech end, B.L. 10-pr. and 2.75-inch, converted guns ...	...	...	...	...	...	...	...	
Carriages, B.L., 2.75-inch ...	...	...	...	...	...	...	...	
Carriages—	...	...	...	...	...	...	...	
Field, B.L. 60-pr., Marks I or III	1	...	...	...	...	...	...	
Q.F., 3.7-inch howitzer ...	...	...	...	...	...	...	1	

For each battery.

(a) Each to hold 4 rounds.

(b) One per gun and one per section spare.

(c) Mark and type of buffer and whether rod is modified to suit Mark II piston in the case of Mark I grooved buffer should be stated.

(d) In addition 2 spare per station will be held in store.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers		Nature :		Proportion per Piece, except where otherwise stated.						Remarks.	
				B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.			
				60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.		
				I, I*, & I**.	Ic, I.	I, I*, & II.	I.	I.	I.		
Carriages or Mountings		...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.		
		Mark :		I & III.	I.	I, I*, I**, II.	I.	I	I.		
Section No. 16—A—contd.											
Carriage, Q.F., 3-7-inch howitzer—											
Chains, securing, with "S" hooks...		(spare)		...	...	...	...	...	32	For each battery.	
Cradle—											
Bolts, securing, pads beating face (with nut and keep pins)		(spare)		...	...	...	...	...	1		
Buffer hydraulic—											
Plugs, air and relief valve seating		(")		...	...	...	...	...	1		
Plugs, filling hole, Mark II		(")		...	...	...	...	...	1		
Rings, joint, cylinder		(")		...	...	...	...	...	1		
Stops, locking rear plug and cap		(")		...	...	...	...	...	1		
Screws, fixing, locking stop rear plug		(")		...	...	...	...	...	1		
Springs, relief valve		(")		...	...	...	...	...	1		

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.	
	Mark :	I, I*, & I**.	I, I.	I, I*, & II.	I.	I, II.	I.	
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.	
	Mark :	& I III.	I.	I, I*, I**, II.	I.	I.	I.	
<i>Section No. 16—A—contd.</i>								
Carriages, Q.F. 3-7-inch howitzer— <i>contd.</i>								
Cradles,— <i>contd.</i>								
Pins, locking capsquare—								
Pivot—								For each battery.
Left ...	(spear)	...	...	...	...	...	1	
Right ...	(")	...	...	...	...	...	1	
Trail—								
Left ...	(")	...	...	...	...	...	1	
Right ...	(")	...	...	...	...	...	1	
Pins, locking, trail joint—								
Left—								
Lower ...	(")	...	...	...	...	...	1	
Upper ...	(")	...	...	...	...	...	1	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers	...	Nature :	Proportion per Piece, except where otherwise stated.					Remarks.	
			B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
			60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.		3-7-in.
Carriages or Mountings	...	Mark :	I, I*, & I**.	I ^c , I.	I, I*, & II.	I.	I. II.	I.	
	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.	Carriage, Q.F.	
	...	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 16—4—contd.									
Felloes, No. 95 wheel	...	...	...	...	...	...	...	...	For each section
Funnel, filling cylinder, No. 8	...	...	...	...	...	...	...	...	
Handspikes, traversing, No. 14	...	...	...	3	...	...	...	...	
Handspike, traversing, Q.F., 3-7-inch howitzer	...	...	...	...	...	...	...	...	
Indicators, fuze—	...	...	...	...	...	...	...	...	
No. 3	...	...	...	...	...	...	...	...	
B.L. 2-75-inch	...	...	...	1	...	...	...	...	
B.L. 60-pr.(a)	...	...	1	...	...	...	...	...	
Lanyards, firing, No. 27	...	...	...	...	...	...	...	...	
Lanyards, firing, No. 5.	...	...	...	2	...	...	...	...	

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
		60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.	
		I, I*, & I**.	I ^c , I.	I, I*, & II.	I	I. II.	I.	
Guns and Howitzers	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.	
Carriages or Mountings	Nature :	I & III.	I	I, I*, I**, II.	I	I.	I.	
	Mark :							
Section No. 16—A—contd.								
Ordnance, B.L. 10-pr. and 2-75-inch converted—								
Rings, gas	...	...	3	...	...	...	...	For each battery. " " " " " " " " " " " " " "
Rings, retaining gas ring	...	...	1	...	...	...	1	
Ordnance, Q.F., 3-7-inch howitzer, Mark I ...	...	...	...	...	...	...	1	
Bushes, firing hole	...	...	...	...	...	...	2	
Caps, striker	...	...	...	...	...	...	1	
Carrier...	...	...	...	...	...	...	1	
Catches, retaining, breech screw	...	...	...	...	...	...	1	
Extractor	...	...	...	...	...	...	1	
Levers, breech mechanism	...	...	...	...	...	...	1	
Pins, firing	...	...	...	...	...	...	1	
Pins, keep, spring, B.M. lever	...	...	...	...	...	...	4	
	...	...	...	...	...	...	1	
	...	...	...	...	...	...	...	
	...	...	...	...	...	...	...	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers			Nature :	Proportion per Piece, except where otherwise stated.					Remarks.	
				B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
				60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.		3.7-in.
			Nature :	I, I*, I**.	I*, I.	I, I*, II.	I.	I. II.	I.	
Carriages or Mountings			Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.	
			Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	

Section No. 16—A—contd.									
Pipes, connecting pump to recuperator, Q.F., 3.7-inch howitzer									
Piston, carriage, B.L., 2.75-inch	...	...	...	...	...	...	...	...	...
Plates, parting, running out springs, B.L., 2.75-inch—	...	...	...	...	...	...	...	...	...
Inner	...	...	...	...	...	...	...	...	...
Outer	...	...	...	...	...	...	...	...	...
Pliers, parallel, flat nose, 7½-inch	...	...	...	...	...	...	...	...	...
Plugs, air hole—	...	...	...	...	...	...	...	...	...
B.L., 60-pr., Marks I to III carriages—	...	...	...	...	...	...	...	...	...
¾-inch	...	...	...	...	...	...	...	...	...
¾-inch	...	...	...	...	...	...	...	...	...

Plugs, filling hole—									
Hydraulic buffer, No. 39	...	...	(")	1	...	...	...	...	...
Hydraulic buffer, No. 14	...	...	(")	...	1	...	...	...	...
Plunger—									
Gun-layer's guard, carriage, B.L., 2.75-inch (spare)	...	...	...	...	1	...	...	...	...
Handle, locking axletree stay-carriage, B.L., 2.75-inch (spare)	...	...	...	...	1	...	...	...	...
Key, axletree clip, carriage, B.L., 2.75-inch (spare)	...	...	...	...	1	...	...	...	...
Steel bracket for shaft attachment	...	...	...	...	1	...	...	...	...
Poles, draught, No. 19	...	...	(")	1	...	...	...	...	...
Presses, running out, B.L., 60-pr., Marks I to III carriages (b)	...	...	...	...	...	2(a)	...	...	...
Pumps, air, two-stage, horizontal, No. 3	1	...	(spare)	...	...	...	...	...	1
Punch, splaying, delivery pipe, No. 3 horizontal, air pump	...	...	...	...	...	...	...	...	1
Rings, compressed packing—									
No. 3	...	...	...	...	...	...	...	...	4
No. 3, supplementary	...	...	...	...	...	...	...	...	4
No. 17	...	...	...	...	...	...	...	...	2
Rings, leather dust excluder, 1st-class axletree (spare)									
Rods, guide, crosshead range gear, carriage, B.L., 2.75-inch	...	...	...	...	...	1	...	...	...
Rollers, scotch, 5½-inch, Mark Ia	...	...	...	...	1	...	...	...	...
Ropes, wire, securing gun, B.L., 60-pr., Mark III carriage	1	...	...	...	...	...	...	...	1
Screwdrivers, Q.F., 3.7-inch howitzer equipment									
Screws—									
Guide rod, crosshead, range gear, carriage, B.L., 2.75-inch (spare)	...	...	...	...	1	...	...	...	...
Hinge catch, handwheel, carriage, B.L., 2.75-inch	...	...	...	...	2	...	...	...	...
Hexagon head, ⅜-inch × ⅝-inch clips, top carriage, B.L., 2.75-inch	...	...	...	...	2	...	...	...	...

For each battery.

(a) For horse-drawn batteries only. (b) To be taken with battery when on training.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.			
60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.				
	I, I*, I**.	I, I.	I.	I. II.	I				
	Carriage, Field.	Carriage, B.L.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.				
	I & III.	I.	I.	I.	I.				
Section No. 16—A—contd.									
Screws— <i>contd.</i>									
Keep, connecting key, gun slipper, carriage, B.L., 2.75-inch ...	...	2	...	...	...	For each section.			
Steel bosshead— 1/8-inch diameter × 1/2-inch long ...	1	...	...	...	...				
Steel cheesehead 1/2-inch diameter × 1/2-inch long ...	...	2	...	...	...				
Screws, lubricating hole, bosshead, 1/2-inch diameter by .15-inch long ...	...	2	...	...	...				
Shackles, connecting scotch roller, B.L., 60-pr.	1	...	...	...	...	For each battery.			
Sights— Bar, carriage, B.L., 2.75-inch B.L., 60-pr. tangent, Mark II	...	7(a)	...	...	...	"			
	1	...	...	...	...				

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.		Remarks.						
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
	Mark :	I, I*, I**.	I, I.	I, I*, II.	I.	I. II.	I.	
		Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travllg.	Carriage, Field.	Carriage, Q.F.	
Carriages or Mountings	Nature :	I & III.	I.	I, I*, I**, II.	I.	I.	I.	
	Mark :							
<i>Section No. 16—A—contd.</i>								
Springs—<i>contd.</i>								
Releasing brake gear, carriage, B.L.		2.75-inch (spare)	...	2	...	...	...	For each battery "
Running-out, B.L., 2.75-inch—		(")	...	2	...	...	...	
Inner		(")	...	2	...	...	...	
Outer		(")	...	1	...	...	...	
Shaft, brackets, B.L., 2.75-inch		(")	...	1	...	...	...	
Shield, turnbuckle, B.L., 2.75-inch		(")	...	1	...	...	...	
Stud, retaining stuffing box, B.L., 2.75-inch		(")	...	1	...	...	...	
Valve, No. 3 horizontal air pump		(")	...	...	...	...	1	
Wheel, hand—		(")	...	...	...	...	...	
Elevating, B.L., 2.75-inch		(")	...	1	...	...	...	
Range, B.L., 2.75-inch		(")	...	2	...	...	...	

Steel, pieces—

	1	...	...	1	...	...	For each battery. For each section.
Plate, 1-foot 6-inch × 6-inch, No. 12, S.W.G. ...	...	...	...	...	...	...	...
Angle, 2-foot 8-inch × 2-inch × $\frac{3}{8}$ -inch	...	...	...	...	...	...	...
Strips, range paper, B.L., 60-pr., No. 1 indicator, Mark I (a) ...	2	...	...	...	1	...	...
Strips, range paper, B.L., 60-pr., No. 1 indicator— 8 o.r.h., No. 88 fuze, reduced charge ...	2	...	...	...	...	...	...
2 " " full	2	...	...	...	...	...	...
2 " " reduced	2	...	...	...	...	...	...
Strips, fuze scale paper, B.L., 2-75-inch ...	...	...	...	...	...	...	...
Swingletrees, No. 12 (b) ... (spare)	1	...	...	...	1	...	...
Tackle, hauling, ropes, B.L., 60-pr, Marks III and IV carriages ...	1	...	...	...	...	...	...
Tools, gland adjusting plug hydraulic buffer, Q.F., 3-7-inch howitzer ...	...	...	...	...	...	1	...
Tool, withdrawing, rings, supporting packing, Q.F., 3-7-inch howitzer ...	...	...	...	...	...	...	...
Tommies, No. 43 ...	1	...	...	...	...	...	...
Tray, small stores, limber carriage, B.L., 60-pr. ...	...	...	...	...	...	...	...
Tray, spare parts, limber wagon, Mark II, B.L., 60-pr. ...	1	...	...	...	...	...	...
Turnbuckles, shield carriage, B.L. 2-75-inch (spare) ...	...	...	...	...	...	...	...
Valves, No. 3 horizontal, air pump (") ...	1	...	...	...	...	...	...
Wagons, ammunition, B.L., 60-pr., Mark II ...	1	...	...	...	...	...	...
Washers—	...	...	...	...	...	...	...
Drag, B.L., 2-75-inch ... (")	...	...	...	...	...	...	...
Drag, Q.F., 3-7-inch Howr. II ... (")	...	...	...	...	...	...	...
Drag, 1st class "B" capped wheels ... (")	1	...	...	...	1	...	For each battery. For each section.
Packing, hydraulic buffer B.L., 2-75-inch, sets (spare) ...	2	...	...	...	...	...	For each battery.
Wheels, hand—	...	...	...	...	...	...	...
Elevating carriage, B.L., 2-75-inch ... (")	1	...	...	...	...	...	...
Range gear, carriage B.L., 2-75-inch ... (")	1	...	...	...	...	...	...
Wheels, special, No. 80 ... (")	2	...	...	...	...	...	...
special, No. 95 ... (")	...	...	...	...	...	1	...

a) For use with No. 83 fuze slide for 8 o.r.h. projectiles and No. 88 fuze.

(b) Horse-drawn batteries only

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									
Guns and Howitzers	...	...	Nature :	B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.	
				60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.
				I, I*, & I**.	I, I.	I, I*, & II.	I.	I. II.	I.
				Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.
Carriages or Mountings	...	...	Nature :	I & III.	I.	I, I*, I**, II.	I.	I.	Remarks.
Section No. 16—A—contd.									
Wrenches—									
Breech mechanism, No. 80	...	...	...	...	2	...	...	...	1
Breech mechanism, No. 93	...	...	...	...	...	...	...	...	...
Junction nut, B.L., 10-pr., 2.75-inch and 2.75-inch converted guns	...	...	...	...	2	...	...	...	2
Junction nut, Q.F., 3.7-inch howitzer	...	...	...	...	...	...	...	...	...
Section No. 16—C.									
Adapter, oil filling—									
B.L., 6-inch 26-cwt. howitzer equipment	...	...	...	...	...	...	1	...	...
Adapter, pressure gauge—									
B.L. 6-inch 26-cwt. howitzer equipment	...	...	...	...	...	...	1	...	...
									For each section

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers			...	...	Nature :	Proportion per Piece, except where otherwise stated.				Remarks.		
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.		4-5-in.	3-7-in.
I, I*, & I**.		I ^c , I.	I, I*, & II.	I.	I. II.							
Carriage, Field.		Carriage, B.L.	Carriage, Field.	Carriage, Travlg.	Carriage, Field.								Q.F.
I & III.		I.	I, I*, I**, II.	I.	I.	I.						
Section No. 16—C—contd.												
Carriages, &c.— <i>contd.</i>												
Gear, elevating and loading—												
Springs, plunger—												
Left hand												
Right hand												
Washer, anti-friction, elevating worm												
Gear, operating sight—												
Collars, sight bracket												
Pins, spring, sight bracket												
Screws, adjusting, pillar, connecting rod												
Gear, traversing—												
Ring, packing, leather, cap cover												
Lubricators, oil screws												

Recuperator—										For each battery.
Boxes, stuffing—										
Cap	...	...	...	("	...	...	...	1	...	...
Gland	...	...	...	("	...	...	...	1	...	...
Sleeve	...	...	...	("	...	...	...	1	...	...
Plugs—										
Adapter hole, ram	...	...	...	("	...	...	...	1	...	...
Air and overflow, left	...	...	...	("	...	...	...	1	...	...
Air and overflow, right	...	...	...	("	...	...	...	1	...	...
Ram, Mark III—										
Rings—										
Packing rubber "U," section (a)	("	...	...	("	...	...	...	16	...	...
Supporting, compressed packing (a)	("	...	...	("	...	...	...	1	...	...
Springs, spiral (a)	("	...	...	("	...	...	...	1	...	...
Rings, packing—										
Cup-shaped ram (b)	("	...	...	("	...	...	...	4	...	...
"L" section stuffing box	("	...	...	("	...	...	...	2	...	...
Rings, supporting, cup-shaped packing—										
Front (b)	("	...	...	("	...	...	...	1	...	...
Rear (b)	("	...	...	("	...	...	...	1	...	...
Springs—										
Gland	("	...	...	("	...	...	...	1	...	...
Valves, throttle...	("	...	...	("	...	...	...	1	...	...
Washers, fibre—										
Plug, adapter hole, ram	("	...	...	("	...	...	...	2	...	...
Plug, air and overflow	("	...	...	("	...	...	...	2	...	...
Plug, adapter hole, pressure gauge	("	...	...	("	...	...	...	2	...	...
Washers, packing, fibre—										
Stuffing box	("	...	...	("	...	...	...	2	...	...
Plug, overflow, right	("	...	...	("	...	...	...	2	...	...
Carrier, No. 7, dial sight, No. 5, complete	...	...	...	...	...	...	...	7(c)	...	...
Washers—										
Spring	("	...	...	("	...	...	...	1	...	For each section.

(a) For carriages fitted with piston heads to design 55555a only.

(b) For carriages fitted to Mark I rams only.

(c) Includes one spare per 8-gun battery.

(a) For carriages fitted with piston heads to design 55555g only.

(b) For carriages fitted to Mark I rams only.

(c) Includes one spare per 6-gun battery.

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.	
		60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.		
Guns and Howitzers	...	Nature :	I, I*, & I**.	I ^c , I.	I, I*, & II.	I.	I.		
Carriages or Mountings	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travllg.	Carriage, Q.F.		
		Mark :	I & III.	I.	I, I*, I**, II.	I.	I.		
Section No. 16—C—contd.									
Case, No. 7, dial sight, and No. 5 carrier	(spare)	...	...	...	7(a)	...	...	For each battery.	
Compressor, air, portable (a)	...	...	...	...	1	...	...	For each section.	
Connector, engine draught, No. 2	...	...	...	...	1	...	...		
Discs, testing sighting, B.L., 6-inch	...	...	...	...	1	...	...		
howitzer	...	...	...	...	1	...	...		
Funnels, filling cylinder, No. 3	...	...	...	...	1	...	...		
Gauges, pressure, No. 5	...	...	...	...	2	...	...		
Handspikes, lifting trail, carriage travelling, B.L., 6-inch 26-cwt. howitzer	...	...	...	...	2	...	...		
Hose, pump, liquid, portable, 4-feet long	...	...	...	...	1	...	...		
Key, isolating valve gravity tank, B.L., 6-inch	...	...	...	...	...	...	...		
26-cwt. howitzer	...	...	...	...	1	...	...		

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

				Proportion per Piece, except where otherwise stated.						Remarks.
				B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
				60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7 in.	
Guns and Howitzers				Nature :	I, I*, I**.	I ^c , I.	I, I*, II.	I.	I.	I.
Carriages or Mountings				Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.
				Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.
Section No. 16—C—contd.										
Spanners, adjusting sights—										
No. 1	...	...	...	...	...	...	...	1	...	...
" 2	...	...	...	...	...	...	...	1	...	...
" 4	...	...	...	...	...	...	...	1	...	...
Spanners, B.L., 6-inch 26-cwt, howitzer equip- ment—										
No. 1	...	...	...	...	...	...	...	1	...	...
" 2	...	...	...	...	...	...	...	1	...	...
" 3	...	...	...	...	...	...	...	1	...	...
" 4	...	...	...	...	...	...	...	1	...	...
" 5	...	...	...	...	...	...	...	1	...	...
" 6	...	...	...	...	...	...	...	1	...	...

" 11 ...	...	...	...	...	...	...	1	...	...	...
" 12 ...	...	...	...	...	...	...	1	...	...	...
" 13 ...	...	...	...	...	...	...	1	...	...	...
" 14 ...	...	...	...	...	...	...	1	...	...	...
Spanner, travelling carriages, No. 23	...	...	...	...	...	...	1	...	...	...
Tank, gravity—	...	...	...	...	...	...		...	...	...
B.L., 6-inch 26-cwt. howitzer, Mark II	...	...	...	...	...	...		...	...	...
Tomnies, B.L., 6-inch 26-cwt. howitzer equipment—	...	...	...	...	...	...		...	...	...
No. 2 (a)	...	...	...	...	...	...	1	...	...	...
" 3 (b)	...	...	...	...	...	...	1	...	...	...
Tommy, No. 50	...	...	...	...	...	...	1	...	...	...
Trays, small stores—	...	...	...	...	...	...		...	...	...
Lumber, B.L., 6-inch 26-cwt. howitzer—	...	...	...	...	...	...		...	...	...
No. 1	...	...	...	...	...	...	1	...	...	...
" 2	...	...	...	...	...	...	1	...	...	...
Tray, loading, B.L., 6-inch 26-cwt. howitzer	...	...	...	...	...	...	1	...	...	...
Washers, fibre—	...	...	...	...	...	...		...	...	...
Packing, adapter, oil filling, B.L., 6-inch 26-cwt. howitzer equipment	...	...	...	...	...	...		...	...	...
Gauge connection, adapter, pressure gauge, B.L., 6-inch 26-cwt. howitzer equipment	...	...	...	...	...	...	2	...	...	...
Washers, packing—	...	...	...	...	...	...	2	...	...	...
Pipe connecting pressure gauge, B.L., 6-inch 26-cwt. howitzer equipment (set of 3) ... sets	...	...	...	...	...	...	2	...	...	...
<i>Section No. 17—A.</i>										
Cases, memorandum of examination	...	...	...	...	...	...	...	1	...	1
Gauges, striker, protrusion, No. 1, or No. 15	...	...	...	...	...	...	...	1	...	1
<i>Section No. 17—B.</i>										
Drifts—	...	...	...	...	...	...		...	...	...
No. 12 ...	...	...	...	...	...	...	1	...	...	...
No. 18 ...	...	...	...	...	...	...	...	...	...	1

(a) For use with spanners Nos. 11 and 12.

(b) For use with spanner No. 13.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Guns and Howitzers		Nature :		Mark :		Proportion per Piece, except where otherwise stated.						Remarks.
						B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
										4.5-in.	3.7-in.	
Nature :	Mark :	I, I*, I**.	I ^c , I.	18-pr.	6-in. 26-cwt.	I. II.	I.					
		Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travllg.	Carriage, Field.	Carriage, Q.F.					
Nature :	Mark :	I & III.	I.	I, I*, I**, II.	I.	I.	I.					
Section No. 17—B—contd.												
Lanyards, firing—												
No. 7	...	...	...	...	...	...	...	1	...	...	...	
" 15	...	...	...	...	...	...	...	1	...	...	...	
Ordnance, Q.F.—												
18-pr., Marks I, I* or II	...	...	...	...	...	...	...	1	...	...	...	
4.5-inch howitzer	...	...	...	...	...	...	...	...	...	1	...	
Ordnance, Q.F., 13-pr., Marks I to III, and 18-pr., Marks I to II—												
Bush, firing hole, Mark II	...	...	...	...	...	...	...	1	...	...	...	For each battery.
Catch, retaining, breech screw	...	...	...	...	...	...	...	2	...	...	...	"
Pins, axis, catch, B.M. lever	...	...	...	...	...	...	...	3	...	...	...	"
Pins, firing dummy	...	...	...	...	...	...	...	1	...	...	...	"

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
		60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
Guns and Howitzers	Nature :	I, I*, I**.	I ^c . I.	I, I*, II.	I.	I. II.	I.	
	Mark :							
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.	
	Mark :	I & III.	I.	I I*, I**, II.	I.	I.	I.	
Section No. 18—contd.								
Boxes, obturator—		...	...	...	...	...	...	
B.L., 6-inch 26-cwt. howitzer	...	...	...	...	1	...	...	
Boxes, obturating pads and discs—		...	...	...	...	...	...	
B.L., 60-pr. or 60-pr. "A" and "B" guns	...	2	...	...	...	...	...	
Discs, adjusting obturator—		...	...	...	...	...	...	
B.L., 6-inch 26-cwt. howitzer	...	...	...	...	1	...	...	
Discs, pads, obturating—		...	...	...	...	...	...	
Adjusting—		4	...	...	...	...	...	
B.L., 60-pr. or 60-pr. "A" and "B" guns	...	...	...	...	...	...	...	
Protecting—		...	...	...	...	...	...	
B.L., 60-pr. or 60-pr. "A" and "B" guns—		...	...	...	...	...	...	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

				Proportion per Piece, except where otherwise stated.					Remarks.
				B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.	
Guns and Howitzers	...	...	Nature :	60-pr.	2-75-in.	18-pr.	6-in. 26-cwt.	4-5-in.	3-7-in.
				I, I*, I**.	I ^c , I.	I, I*, II.	I.	I. II.	I.
Carriages or Mountings	...	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.
				Mark :	I & III.	I, I*, I**, II.	I.	I.	I.
Section No. 18—contd.									
Pads, obturating, B.L., 60-pr. and 60-pr. "A" and "B" guns				2	...	...	...	...	...
Presses, obturator—B.L., 6-inch 26-cwt. howitzer				...	...	...	1	...	...
Rimer—Vent, axial, 303-inch chamber, No. 2 (b)				3(a)	...	...	1	...	...
Vent T				...	...	...	...	...	...
Tommies, press obturator—B.L., 6-inch 26-cwt. howitzer				...	...	...	1	...	...
				...	...	...	...	...	...

For each section.

Wrenches, B.M.—										
No. 52	...	...	...	...	1	...	...	...	...	...
" 137	...	...	...	...	...	...	...	...	...	...
" 138	...	...	...	...	...	...	...	...	...	...
<i>Stores required when Equipments are fitted with Bore, Slide V, and Locks, Percussion, P.H.</i>										
Wrench, B.M.—										
No. 199	...	...	...	...	1	...	...	...	...	...
" 173	...	...	...	...	1	...	...	...	...	...
Ordinance, B.L.—										
6-inch 26-cwt. howitzer—										
Vent axial, Marks I***, I****, II**, III**, IV* or V.										
...	...	...	...	...	...	...	...	...	...	...
Ordinance, B.L.—										
Box, slide V.										
Lever-extractor, box, slide V	...	...	...	...	1	...	...	...	...	...
Lock, percussion, P.H.	...	...	...	...	1	...	...	...	...	...
Screw, axis extractor, box, slide V	...	...	...	...	1	...	...	...	...	...
Spindle striker, lock, percussion, P.H.	...	...	...	...	2	...	...	...	...	...
Springs—										
Main, lock, percussion, P.H.	...	...	...	...	1	...	...	...	...	...
Retaining catch, lock, percussion, P.H.	...	...	...	...	1	...	...	...	...	...
Vent, axial	...	...	...	...	1	...	...	...	...	...
<i>Section No. 19.</i>										
Boxes, lamp, siege—										
To hold 1	...	...	...	...	...	6	...	...	...	For each battery.
To hold 2	...	...	...	...	...	6	...	...	...	"
Brushes, breech screw	...	...	...	...	1	1	...	...	...	"
Brushes, piasaba, Q.F. 4.5-inch howitzer bores	...	...	...	...	...	...	...	...	...	...
Brushes, piasaba, B.L. bore, 6-inch howitzer	...	...	...	...	...	...	...	...	...	...
Candles, lamp, siege	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	(c)	(c)	...	...	...	(c)

(a) Includes 2 spare per gun.

(b) Only required when guns are fitted with P.H. percussion locks.

(c) R.A.S.C. supply on demand as required.

TABLE No. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.										
				B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.
				60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
Guns and Howitzers	...	...	Nature :	I, I*, I**.	I ^c , I.	I, I*, II.	I.	I. II.	I.	
	...	...	Mark :							
Carriages or Mountings	...	...	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelg.	Carriage, Field.	Carriage, Q.F.	
	...	...	Mark :	I, III.	I.	I, I*, I**, II.	I.	I.	I.	

Section No. 19—contd.									
Caps, sponge—									
No. 9	...	...	...	...	...	...	...	...	...
" 3	...	...	...	...	...	...	...	...	...
" 4	...	...	...	...	...	...	...	...	...
" 6	...	...	...	...	...	...	...	...	...
Cases, No. 8 or 8A and 17 cleaners	...	...	...	...	...	...	...	...	...
Cleaners—									
Piasaba, No. 8A	...	...	...	...	...	...	...	...	...
Piasaba, " 14	...	...	...	...	...	...	...	...	...
Piasaba, " 17	...	...	...	...	...	...	...	...	...
Piasaba, " 18	...	...	...	...	...	...	...	...	...
Piasaba, " 19	...	...	...	...	...	...	...	...	...
Wool, " 1	...	...	...	...	...	...	...	...	...

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
		I, I*, I**.	I*, I.	I, I*, II.	I.	I. II.	I.	
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.	
		I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 19—contd.								
Lamps, siege	...	...	12	6	12	12	6	For each battery.
Lashings, tarred—	...	...	...	...	...	...	...	"
2½-inch by 5 fathoms	lengths	...	...	...	6	...	...	"
1½-inch by 30 feet	"	...	18	...	...	...	...	"
1½-inch by 18 feet	"	...	...	...	24	...	...	"
1-inch by 20 feet	"	...	...	3	...	3	...	"
1-inch by 10 feet	"	...	...	12	...	12	...	"
Lashings, white—	...	...	...	...	...	...	...	"
2½-inch by 5 fathoms	"	...	3	...	...	...	...	"
Rammer, B.L., 6-inch 26-cwt. howitzer	...	...	...	...	1	...	...	"
Rammer, Q.F., 4.5-inch howitzer	...	...	...	...	...	1	...	"

Rammer and sponge, B.L. 60-pr., Mark III (a) ...
 Ropes, drag, light, G.S. ... pairs
 Ropes, drag, heavy, 30-foot ... "
 Ropes, drag, heavy, 36-foot ... "
 Salvagees—
 48-inch
 Slings, rope—
 6-inch, 12½-foot long
 4-inch, 5-foot long
 Sponges, B.L., 10-pr. and 2.75-inch
 Staves, end—
 No. 17
 Tackles—
 Luff, 14-fathoms
 Differential, 2½ tons (c)

N.I.V.

Covers, breech, B.L., 2.75-inch (d)

Section No. 20.

Gyns, triangle, 2½ tons
 Trucks (c)
 Handspikes, common, 6-foot
 Jack, lifting—
 General service
 Screw, No. 1
 Screw, No. 2

(a) Also two spare per battery.

(c) One for each battery for peace may be demanded if necessary.

(d) To be made up locally.

For each battery.

*For each section.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									Remarks.
B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.					
60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.				
I, I*, I**.	I ^c , I.	I, I*, II.	I.	I. II.	I.				
Guns and Howitzers	...	Nature:							
		Mark							
Carriages or Mountings	...	Nature:	Carriage, Field.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q.F.		
		Mark :	I & III.	I.	I.	I.	I		

Section No. 20—contd.									
Levers, 12-feet	...	...	...	...	1	...	...	...	For each section.
Planks—									
Oak, moving guns—									
Special, 9-feet × 15-inch	...	...	...	...	1	...	...	...	If required.
Posts, picket, 5-feet	...	...	...	...	3	...	...	...	
Rollers, ground, 3-feet × 6-inch diameter	...	...	...	...	1	...	...	...	
Scotches, large	...	...	...	...	9	...	...	...	For each battery.
Skids—									
3-feet × 6-inch × 3-inch	...	...	...	...	1	...	...	...	
... × 5-in. × 4-inch	...	...	...	...	1	...	...	...	
18-inch × 5-inch × 4-inch	...	...	...	...	1	...	...	...	

Section No. 21—A.

Box, grease, 3-lb. ...	...	4	1	1	...	For each section.
Carts (a) ...	...	...	...	...	...	"
Collars, adjusting, 2nd class, "C" capped wheels (spare) ...	...	...	1	1	...	
Plas, linc—	...	...	1	1	...	
2nd Class, "C" capped wheels ... (")	...	1	1	1	...	
Rings, leather, dust excluder, 2nd class, axle tree (spare) ...	...	1	1	...	...	
Straps, quick release 1-inch x 11½-inch, with loop ...	...	...	2	...	...	
Swingletrees—	...	...	...	...	...	
Nos. 10A or 11 ... (spare)	...	...	...	2	...	
No. 13 ... (")	...	2	...	...	...	
Washers, drag—	...	...	...	...	...	
2nd class, "C" capped wheels ... (")	...	1	1	1	...	For each section.

Section No. 21—B.

Bicycles ...	...	1	...	1	...	For each battery.
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Section No. 22.

Cases, powder, metal lined—	...	...	...	...	...	For each section.
Keys ...	...	...	...	...	...	

Section No. 23.

Boxes, No. 1 percussion, primers ...	...	1	...	1	2	
Cartridges—	...	...	...	...	...	
Filled—	...	...	...	...	...	
B.L., 2.75-inch ...	400	...	...	...	...	

(a) For guns or howitzers not provided with ammunition wagons, at stations abroad, civil wagons will, when possible, be obtained locally for the transport on mobilization. When such cannot be obtained, special supplies of hand or trench carts will be authorized.

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

		Proportion per Piece, except where otherwise stated.						Remarks.
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		
Guns and Howitzers	Nature :	60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.	
		I, I*, I**.	I*, I.	I, I*, II.	I.	I. II.	I.	
Carriages or Mountings	Nature :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travelling.	Carriage, Field.	Carriage, Q.F.	
		I & III.	I.	I, I*, I**, II.	I.	I.	I.	
Section No. 23—contd.								
Cartridges—contd.								
Q.F., 3.7-inch howitzer	...	...	...	...	...	...	400	{ Except Singapore, which will be 320 shrapnel, 80 H.E. per piece. 1 per 18-pr. cartridge. For each battery. "
Q.F. 18-pr.—	...	...	...	...	...	...	...	
Shrapnel, fuze, No. 80	...	...	...	200	...	...	...	
H.E. fuze	...	...	...	200	...	...	...	
Clips, cartridge, No. 4	...	...	...	...	...	...	...	
Implements, ammunition—	...	...	...	...	...	...	...	
Holders, cartridge, Q.F. 18-pr.	...	...	...	2	...	...	...	
Keys, No. 27 primer	...	...	...	2	...	...	...	

TABLE NO. 1.—EQUIPMENT OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Proportion per Piece, except where otherwise stated.									
		B.L. Guns.		Q.F. Guns.	B.L. Howzrs.	Q.F. Howzrs.		Remarks.	
		60-pr.	2.75-in.	18-pr.	6-in. 26-cwt.	4.5-in.	3.7-in.		
Guns and Howitzers	Nature :	I, I*, I**.	I, I.	I, I*, II.	I.	I, II.	I.		
	Mark :	Carriage, Field.	Carriage, B.L.	Carriage, Field.	Carriage, Travellg.	Carriage, Field.	Carriage, Q F.		
Carriages or Mountings	Nature :	I & III.	I.	I, I*, I**, II.	I.	I.	I.		
	Mark :								
Section No. 26.									
Fuzes, percussion, D.A. No. 101 E. or 106 D. or E.		...	...	...	...	...	...	...	1 for each H.E. shell, 4.5-inch and 60-pr., 75 per cent. 106, 25 per cent. 101 non-de- lay 6-inch how., 70 per cent. 106 & 30 per cent. 101 non-delay.
Fuzes, T., No. 188		...	...	...	...	...	...	...	1 for each star shell.
Fuzes, T. and P., No. 88		...	...	...	...	...	...	...	1 for each 60-pr. shrapnel.
Implements, ammunition—		...	...	...	...	...	...	...	
Key, No. 17		3	8	2	2	1	6		
" 18		3	8	8	2	1	6		

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR
MOVABLE ARMAMENT.

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.
	M.L. 6-inch Mortar.	M.L. 3-inch Mortar.	
<i>Section No. 1—A.</i>			
Caps , knee, musketry	8	2	(d) 1 for each ser- jeant, if not already in possession.
Frogs , cutter, wire, folding	2	...	
Whistles , artillery, with thong	(d)	...	
<i>Section No. 2—A.</i>			
Axes , felling, curved helve	(e)	...	(e) 1 per battery.
Buckets , water, G.S., canvas	1	1	
Helves , maul, 34½-inch	1	...	
Mauls , G.S. heads, Mark V	1	...	
<i>Section No. 2—B.</i>			
Axes , pick—			(a) for every 2 mor- tars.
Heads, 4½-lbs.	1	1(a)	
Helves, 36-inch ferruled	1	1(a)	
Shovels , G.S.	1	1	
Spades , Mark III	1	...	
<i>Section No. 7.</i>			
Cases , saw, hand	1	1(c)	(c) 1 for every 4 mortars. (b) 1 for every 8 mortars, if necessary
Chisels —			
Ripping	(e)	1(b)	
Firmer, 5/8-inch	...	1(c)	
Hand cold, 1-inch × 8½-inch	...	1(b)	
Cutters , wire, folding	2	...	
Files —			
Bastard, flat, 6-inch	...	1(c)	
Smooth, hand safe edge, 4-inch	...	1(b)	
Smooth, half-round, 8-inch	1	...	
Hammers , claw—			
32-ozs.	...	1(c)	
16-ozs.	1	1(c)	
Handles , file—			
Large	1	...	
Small	...	1(b)	
Levels , spirit, block, 9-inch	...	1(c)	
Panniers , tool, saddlers (empty)	1(a)	...	

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR MOVABLE ARMAMENT—*contd.*

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.
	M L. 6-inch Mortar.	M.L. 3-inch Mortar.	
Section No. 7—contd.			
Pliers, side-cutting, 7-inch ... pairs	1	1(a)	
Pliers, side-cutting, 8-inch ... "	1	...	
Saws, hand, 26-inch ...	1(a)	1(c)	
Screwdrivers, G.S.—			
12-inch ...	1(a)	...	
9 " ...	1	1(a)	
6 " ...	...	1(c)	
4 " ...	1(a)	...	
Spanners, adjustable, 11-inch ...	...	1(c)	
Tools—			
Saddlers, No. 1 set ... sets	1	...	For each section of 2 mortars when and if required for pack only.
Shoeing ...	1	...	" "
Valises, tool ...	2	...	" "
Section No. 8—D.			
Cases, compass, prismatic ...	1	1(a)	
Compasses, prismatic, Mark VIII ...	1	1(a)	
Protractors, semi-circular, celluloid, 6-inch ...	1	1(a)	
Scales, mathematical, boxwood, No. 11 or No. 12 ...	1	...	
Section No. 9—A.			
Cloth, emery, No. F. ... sheets	1	1	
Mineral Jelly, red ... lbs.	$\frac{1}{2}\dagger$	$\frac{1}{2}\dagger$	$\dagger$ Annually.
Oil, lubricating, G.S. ... pints	2 $\dagger$	2 $\dagger$	
Soap, yellow ... bars	1 $\dagger$	1 $\dagger$	
Section No. 9—B.			
Boxes, dubbing or mineral jelly, 1-lb. ...	...	...	If required.
Section No. 10—A.			
Pins, keep, split ... (spare)	...	...	As necessary on demand.
(a) For every 2 mortars.		(c) For every 4 mortars.	

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR MOVABLE ARMAMENT—*contd.*

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.	
	M.L. 6-inch Mortar.	M.L. 3-inch Mortar.		
<i>Section No. 13—C.</i>				
Cloths, sponge	2†	2†	† Annually. As necessary on demand.	
Cotton, waste, coloured	...	...		
Flannelette... ..	...	...		
Tow, jute	$\frac{1}{2}$	$\frac{1}{2}$		
<i>Section No. 14.</i>				
Box, spare springs, &c., No. 1	1	1(a)	(a) For every 2 mortars.	
Cans, lubricating, No. 9	1	1		
<i>Section No. 15—B.</i>				
Bag, clinometer, M.L. 6-inch mortar, No. 1, Mk. I	1	...	For each battery 4 or 6 mortars. If required for 6-inch pack only.	
Clinometers—				
M.L. 6-inch mortar	2	...		
Bubbles "R" ... (spare)	2	...		
M.L. 3-inch and 4-inch mortars	...	1		
Periscope, No. 14 or No. 25	1	1		
Posts, aiming, circular (or square) head...	...	...		
Protectors, ear-drum (2 to set) ... sets	6	6		
<i>Section No. 18.</i>				
Bag, tool, M.L. 3-inch and 4-inch mortars	...	1		1 for each battery, 4 or 6 mortars. " "
Band protecting clinometer collar, M.L. 6-inch mortar	1	...		
Barrel, 3-inch mortar	...	1		
Bearers—				
Barrel, M.L., 6-inch mortar	1	...		
Bed, M.L. 6-inch mortar	2	...		
Beds, M.L. 6-inch mortar	1	...		
Guys, elevating, Mk. IV. (spare)	...	...		
Guys, traversing, Mk. IV. (2 to set) sets (spare)	...	...		
Bolts—				
Clamping, mortar (complete with nuts and locks) (spare)	1	...		
$\frac{1}{2}$ -inch, assembling bed with nuts	2	...		
Bed, $\frac{1}{2}$ -inch, complete with nuts	2	...		

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR MOVABLE
ARMAMENT—*contd.*

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.
	M.L. 6-inch Mortar.	M.L. 3-inch Mortar.	
Section No. 18—contd.			
Boxes, store—			
M.L. 3-inch mortar	...	1	
M.L. 3-inch and 4-inch mortars—			
Box, tool (empty)	...	1	
Breech piece, M.L. 3-inch mortar	...	1	
Can, oil, 2 pints	...	1	
Ejectors, gas, M.L. 6-inch, Marks III or IV	1	...	
Ordnance, barrel, M.L. 6-inch mortar, Mark I	1	...	
Ordnance, M.L., 6-inch mortar—			
Blocks, base and platforms, modified to suit mortars	1	...	Manufacture locally; only required for pack.
Plugs, missfire and stop, (with cap and chain) (spare)	2	...	
Washers, missfire and stop plug, thick	1	...	
Washers, spring adapter	1	...	
Plates, base, 3-inch mortar	...	2	
Platform, ground, M.L. 6-inch mortar	1	...	
Rod, cleaning, M.L. 3-inch, mortar	...	1	
Spanners—			
Combination M.L. 3-inch and 4-inch mortar equipments	...	1	
Eyebolt, M.L. 6-inch mortar bed	1	...	
Stand, 3-inch mortar—			
Mark II, with traversing spindle	...	1	1 for every 2 mortars.
Mark II, spindles (spare)	...	1	
Striker, 3-inch mortar (, ,)	...	1	
Tommy, 12-inch, M.L. 3-inch mortar (a)	...	1	
Washer, copper, M.L. 3-inch mortar	...	1	
Wrench, breech piece, M.L. 3-inch mortar (b)	...	1	
Wrench, striker, stud, M.L. 6-inch mortar	1	...	

(a) For Mark I breech piece.

(b) For Mark II breech piece.

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR MOVABLE
ARMAMENT—*contd.*

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.
	M.L. 6-inch Mortar.	M.L. 3-inch Mortar.	
<i>N.I.V.</i>			
Box—			
Store, spare stores, M.L. 6-inch mortar (empty)	1	...	1 for every 4 or more mortars.
Tool, M.L. 6-inch mortar (empty) ...	1	...	
<i>Section No. 19.</i>			
Bag , outer, sponge, M.L. 6-inch mortar	1	...	
Boxes , lamp, siege, to hold 2	1	...	
Brushes—			
Wire, M.L. 6-inch mortar	1	...	
Wire, M.L. 3-inch mortar	...	1	
Candles , lamp, siege	...	...	As required on demand, R.A.S.C. supply.
Cap , muzzle, M.L. 6-inch mortar ...	1	...	
Cover , muzzle, M.L. 3-inch mortar ...	...	1	
Lamps , siege	2	...	
Lashings , tarred, 1-inch × 10-ft. ...	1	1	
Sponge , M.L. 6-inch mortar	1	...	
<i>Section No. 26.</i>			
Ammunition , 3-inch mortar—			
Rounds complete... ..	...	399	3 rounds for each box.
Bombs , M.L., H.E. 6-inch mortar ...	400	...	
Box—			
Ammunition components, M.L. 6-inch mortar, B 119	20	...	
Propelling charges and igniters, M.L. 6-inch mortar, A 2	10	...	
Charge , propelling, M.L. 6-inch mortar—			
1-oz. G.C. yarn (4 to set)	400	...	
1-oz. 4-drs. cordite, 4-mm. flake (2 to set)	400	...	
Cylinder—			
No. 134, Mark I	...	...	As necessary, " " "
No. 134, Mark II... ..	...	...	
No. 187	...	...	
Detonators , No. 110 fuze... ..	400	...	
Fuzes , percussion D.A., No. 110 ...	400	...	

TABLE NO. 2.—EQUIPMENT OF M.L. MORTARS FOR MOVABLE
ARMAMENT—*contd.*

Description of Stores.	Proportion for each piece, except where otherwise stated.		Remarks.
	M.L. 6-inch Mortar.	M.L. 3-inch Mortar.	
<i>Section No. 26—contd.</i>			
Igniter , with delay, No. 110 fuze ...	400	...	
Implements , ammunition—			
Extractors, cartridge, M.L. 3-inch mortar, Mark I ...	...	1	
Key No. 60A ...	4	...	
Primer , percussion, propelling charge, M.L. 6-inch mortar ...	400	...	
<i>Section No. 29—B.</i>			
Stereoscopes , No. 1 ...	1	...	For each battery of 4 or more mortars.

TABLE NO. 3.

EQUIPMENT OF MACHINE GUNS FOR MOVABLE
ARMAMENTS.

GUN, MACHINE, VICKERS .303-INCH, MARK I.

NOTE.—Materials for cleaning and oiling of Vickers Machine
Guns are supplied in the proportions laid down in Equipment
Regulations, Part I.

Description.	Proportion.	Remarks.
<i>Section No. 14.</i>		
Cans , lubricating, No. 9 ...	(b) ...	
<i>Section No. 15—B.</i>		
Clinometers , Vickers .303-in. M.G., Mark I ...	1 for every 2 guns ...	

Note.—See Note (b) on p. 108.

TABLE No. 3—*contd.*

Description.	Proportion.	Remarks.
<i>Section No. 16—B.</i>		
Belts, ammunition, .303-in., 250 rounds	7 for every gun ...	
Boxes, belt, ammunition, M.G., Nos. 7, 8 or 9	7 for every gun ...	
Boxes, spare parts and tools, Vickers .303-in. M.G., filled ...	1 for every 2 guns ...	For contents, <i>see</i> page 109.
Cans, half-pint	(b)	
Cases, can, .303-in. M.G.	(b)	
Carriages, parapet, M.G.	As authorised ...	
Cases, spare parts and tools, .303-in. Vickers M.G., filled ...	1 for every gun ...	For contents, <i>see</i> page 110.
Guns, machine, Vickers .303-in., Mark I	As authorised ...	
Guns, machine, Vickers .303-in.—Locks, instructional, D.P. ...	As authorised ...	
Mountings, cone	As authorised ...	For stores and spares issued with mounting, <i>see</i> page 114.
Mountings, tripod, .303-in. M.G., Mark IV.	As authorised ...	For stores and spares issued with mounting, <i>see</i> page 113.
Chests—		
Cone mounting	(a)	
Crosshead	(a)	For parapet carriages.
Shield	(a)	For cone mountings.
Stem	(a)	For parapet carriages.
Vickers or Lewis .303-in. M.G.	1 for every gun ...	The chest will be stencilled according to contents.
Handspikes, holding down rings	1	For cone mountings.
Plugs, belt	1 to 5 or less number of guns	For opening pockets of ammunition belts.
Protractors, M.G., No. 3 ...	As authorised ...	For officers only.
<i>Stores issued for gun (c)</i>		
Guns, machine, Vickers .303-in.—Barrels, Mark II	<i>See</i> Part I, Equipment Regulations	Spare barrel carried in gun chest.
Gun, Vickers .303-in., Mark I—Box, tin, luminous sights ...	1 per set of luminous sights	Carried with contents in spare parts box.
Condenser, steam	1 for each gun ...	Complete with bag.
Foresight, bar, deflection ...	1 „	
Pouches, foresight, bar, deflection	1 „	
Sights, luminous—		
Fore	As authorised	{ Carried in tin box in spare parts box.
Back		
Rod, cleaning, .303-in. M.G. ...	1 for each gun ...	With steel bush. Carried in gun chest.

(a) A proportion for transport and storage purposes only to be held in R.A.O.C. or R.A. charge, as considered most convenient.

(b) One “case, cans” will be held for every two guns. It will contain two cans, lubricating No. 9, and two cans, half-pint.

(c) Demanded and accounted for separately.

TABLE NO. 3—*contd.*

Description.	No.	Remarks.
<i>Contents of box, spare parts and tools.</i>		
<i>Section No. 16—B.</i>		
Belts, ammunition, .303-inch, 250 rounds—		
Eyclets, long oz.	$\frac{1}{2}$	
Strips, long	25	
„ short	25	
Boxes, tin, small parts, M.G.	3	
Gun, machine, Vickers .303-inch—		
Blocks, feed, R.H.	2	
Bushes, axis, side levers	1	
Collars, roller	1	
Cups, muzzle attachment, Mark II	1	
Discs, muzzle attachment	4	
Fusees, with chain	1	
Gibs	1	
Lever, extractor—		
Left	1	
Right	1	
Packing, asbestos, pieces, 5 yds. long	4	
Pins—		
Axis, trigger	1	
„ tumbler	1	
Firing	2	
Screwed, fixing crank handle	1	
Split, fixing, collar, roller, No. 2	2	
„ keeper, bush, axis, side levers	1	
„ „ check nut, long	3	
„ „ muzzle attachment	1	With chain, ring and “S” hook.
“T,” fixing, rear-crosspiece	2	
Plugs, front cover catch	2	
Plungers, front cover catch	2	
Rollers	1	
Springs—		
Bottom pawl, R.H. feed block	1	
Rear cover lock	2	
Front cover catch	2	
Gib	1	
Lock	4	
Sear	2	
Top pawls, feed block	2	
Tools, belt repairing	1	
Guns, machine, Vickers .303-inch, Mark I—		
Corks for plug	1	
Glands, packing	1	
Plugs, cork	1	With chain and two “S” hooks.
„ screwed	1	With link and “S” hook.
Sights—		
Fore	1	
Tangent	1	

TABLE NO. 3—*contd.*

Description.	No.	Remarks.
<i>Section No. 16—B—contd.</i>		
Guns, machine, etc.—contd.		
Springs—		
Safety catch	2	With piston.
Sliding shutter catch	2	
Tangent sight	1	
Trigger bar	2	
Hammers, M.G.	1	
Screwdrivers, large, M.G.	1	
Spanners, shifting, .303-inch M.G.	1	
<i>Section No. 10—A.</i>		
Pins, keep, split, $\frac{1}{8}$ -inch by $2\frac{1}{4}$ -inch	6	For Mark IV tripod mounting.
<i>Weedon Section.</i>		
Pull-throughs, .303-inch arms—		
Gaure, wire, pieces	4	
<i>Contents of case, spare parts and tools</i>		
<i>Section No. 16—B.</i>		
Balances, spring, M.G.	1	
Cans, oil, M.G.	1	
Guns, machine, Vickers, .303-inch, Mark I—		
Funnels	1	Funnels, filling cylinder No. 1 (Section 14).
Guns, machine, Vickers .303-inch—		
Locks	1	
Plugs, clearing	1	
Springs, fusee, with fittings	1	
Tools, combination	1	
Wallets, case, spare parts and tools, Vickers .303-inch M.G., filled	1	
<i>Contents of wallet, case, spare parts and tools.</i>		
<i>Section No. 16—B.</i>		
Guns, machine, Vickers .303-inch, Mark I—		
Corks, for plug	1	
Guns, machine, Vickers .303-inch—		
Cups, muzzle attachment, Mark II	1	
Discs, muzzle attachment	1	
Fusees, with chain	1	
Gibs	1	

TABLE NO. 3—*contd.*

Description.	No.	Remarks.
<i>Section No. 16—B—contd.</i>		
Guns, machine, etc.—contd.		
Pins—		
Axis, trigger	1	With spring.
„ tumbler	1	
Firing	1	
Protectors, muzzle	1	
Sears	1	
Springs, gib	1	
„ lock	2	
Triggers	1	
Tumblers	1	
Washers, adjusting—		
No. 1	3	.003-inch, for connecting rod. .005-inch, for connecting rod.
No. 2	3	
Pliers, cutting, M.G.	1	
Punches—		
No. 3, M.G.	1	
No. 5, M.G.	1	
Reflectors, mirror, .303-inch M.G.	1	
Screwdrivers, small, M.G.	1	
<i>Section No. 10—A.</i>		
Pins, keep, split, $\frac{1}{8}$-inch by $2\frac{1}{4}$-inch	3	For Mark IV tripod mounting.
<i>Weedon Section A.</i>		
Pull-throughs, double, .303-inch arms	1	

NOTE.—Items carried in the filled box which are separately demandable and separately chargeable stores are not included in these lists.

TABLE No. 3—contd.
CARRIAGES, PARAPET, M.G.

Description.	No. for each Carriage.			Remarks.
	Marks.			
	I**	II.	III.	
<i>Section No. 16—B.</i>				
<i>Stores issued as Part of Carriage.</i>				
Holders—				
Joint Pins—				
Marks I** and II parapet carriages	1	1	...	Leather, with attachment straps. Leather, with attachment straps.
Mark III parapet carriages...	...	...	1	
<i>Stores issued for Carriage (a).</i>				
Belts, ammunition, .303-inch, 250 rounds	8	8	8	
Boxes, belt, ammunition, M.G.—				
Nos. 7, 8, or 9, Mark I...	4	4	...	
No. 3 (Marks II* or III)	...	...	8	
Plugs, parapet carriage wheels—				
Left	(b)	(b)	...	Wood, for naves of wheels.
Right	(b)	(b)	...	
<i>Spare parts.</i>				
Pins—				
Joint—				
Crosshead	{	...	1	With brass loop and cord (or chain). With spring split key.
Elevating gear		...	1	
		1	...	
Linch—				
Marks I** and II parapet carriages	1	1	...	
Nos. 74 and 86 axle-trees	...	...	1	
Screws, stop, parapet carriage	2	2	...	
Thongs, parapet carriage	1	1	...	
<i>Section 21—A.</i>				
Ties, linch pin	...	...	2	
<i>Section 16—B.</i>				
Washers—				
Drag—				
Parapet carriage	1	1	...	
Nos. 74 and 86 axle-trees	...	...	1	

(a) Demanded and accounted for separately.

(b) A proportion for transport and storage purposes only to be held in R.A.O.C. or R.A. charge as considered most convenient.

NOTE.—Figures shown on the same line denote that the articles are interchangeable. The mark of the carriage must be shown on all demands.

TABLE NO. 3—*contd.*

MOUNTINGS, TRIPOD, .303-INCH M.G., MARK IV.

Description.	No. for each Mounting.	Remarks.
<i>Stores issued for mounting (a).</i>		
<i>Section 2—B.</i>		
Axes, pick—		
Heads, 4½ lbs.	1	
Helves, 36-inch, ferruled	1	
Shovels, G.S.	1	
<i>Section 16—B.</i>		
<i>Spare parts.</i>		
Pins—		
Joint—		
Crosshead	1	Complete with chain and connections. Carried in box, spare parts and tools, Vickers .303-inch gun.
Elevating gear	1	Complete with chain and connections. Carried in box, spare parts and tools, Vickers .303-inch gun.
Screw, clamp, checking traverse (a) ...	1 for every 5 or less No. of tripods in possession.	With handle and jamming block. Carried in box above mentioned.

(a) Demanded and accounted for separately.

TABLE No. 3—*contd.*
MOUNTINGS, CONE, M.G.

Description.	No. for each Mounting.	Remarks.
<i>Section No. 16—B.</i>		
<i>Stores issued for mounting (a).</i>		
Belts , ammunition, .303-inch, 250 rounds...	8	
Boxes , belt ammunition, .303-inch, No. 1, Mark II	4	
Plugs , securing holding-down ring —		
No. 1 (for $\frac{3}{8}$ -inch screws)	5	} Required only when the ring is fixed on concrete foundation.
No. 2 (for $\frac{3}{4}$ -inch screws)	5	
Rings , holding-down	1	With 10 screws for wood or 10 for metal.
Shield , gun, Mark III	1	
<i>Spare parts.</i>		
Pins , joint—		
Crosshead, cone mounting	1	} With spring sp it key.
Elevating gear, cone mounting	1	
Screws —		
Keeper, sleeve, cone mounting	1	
Set, nut, pin joint, crosshead, cone mounting	1	
Spring handle, clamping, cone mounting	1	
Springs —		
Handle, clamping sleeve, cone mounting	1	
Stop brake, cone mounting	1	

(a) Demanded and accounted for separately.

Packsaddlery, machine gun, for Mark IV tripod mountings.

Description.	No. per Gun.	Remarks.
<i>Section No. 5—B.</i>		
Packsaddlery , machine gun, .303-inch—		
Gun and tripod sets	1	} For detail of sets, see E.R., Part 1.
Ammunition „	2	

TABLE NO. 4.

EQUIPMENT OF SALUTING, TIME, OR ALARM BATTERIES.

Q.F. 18-PR. MARK I GUNS.

List of spare parts and separate demandable stores for Q.F. 18-pr. guns on Mark I carriages when guns are used for saluting, time, or alarm purposes.

Article.	No. for each battery of 4 guns.	Remarks.
<i>Section No. 7.</i>		
Cans, oil, lubricating, G.S.	1	Per work.
Hammers, claw, 24-oz.	1	
Pliers, flatnose pair	1	
Screwdriver, G.S., 4-inch	1	
Spanner, adjustable, 15-inch	1	
<i>Section No. 8—D.</i>		
Watch, stop, $\frac{1}{2}$ second	1	For saluting batteries only.
<i>Section No. 9—A.</i>		
Bath bricks (a)	4	(a) Annual allowance.
Cylinders, paint, No. 3 (a)	4	
Grease, lubricating, for cool climates (a) lbs.	12	(b) R.A.S.C. supply.
Mineral jelly, red (a)	12	
Oil—		
Rangoon (a) pints	12	
Mineral, for buffers (a)	2	
Mineral, burning (a) (b) galls.	4	
Soap, soft (a) lbs.	8	
Soda	...	
<i>N.I.V.</i>		
Rags, old sheeting (a) lbs.	40	
<i>Section No. 11.</i>		
Brush, water, carriage	1	
<i>Section No. 13—C.</i>		
Cotton, waste, white (a) lbs.	4	
Cloths, sponge (a)	40	

TABLE NO. 4—*contd.*

Article.	No. for each battery of 4 guns.	Remarks.
<i>Section No. 14.</i>		
Cans, lubricating, No. 3	2	1 for Rangoon oil and 1 for mineral oil.
Can, lubricating, No. 9	1	
Carriage, Q.F., 18-pr., Mark I	4	
Covers, eccentric brake gear, carriage, Q.F., 13- and 18-pr.	4	
Spanners, No. 93	1	For wheels.
<i>Section No. 17—A.</i>		
Gauge, striker protrusion, No. 1 or No. 15 ...	1	
<i>Section No. 17—B.</i>		
Drifts, No. 12	4	
Lanyards, firing, No. 15	4	
Ordnance, Q.F., 18-pr., Marks I to II* ...	4	
Ordnance, Q.F., 13-pr., Marks I to II, and 18-pr., Marks I to II*—		
Block, guide striker (spare)	1	
Bush, firing hole "	1	
Carrier "	1	
Catch, retaining breech screw "	1	
Pins, firing "	8	
Screw, breech "	1	
Springs—		
Catch retaining breech mechanism lever (spare)	1	
Main "	4	
Safety catch "	1	
Trigger "	4	
Tripping piece "	4	
Striker "	1	
Triggers "	1	
Ordnance, Q.F., 13-pr., Marks I to II, and 18-pr., Marks I to II* and IV—		
Lever, firing (spare)	1	
Ordnance, Q.F., 18-pr., Marks I to II*—		
Extractor "	1	
Rimer, breech screw, Q.F., 13- and 18-pr. ...	1	
Wrench, breech mechanism, No. 77	1	

TABLE No. 4.—*contd.*

Article.	No. for each battery of 4 guns.	Remarks.
<i>Section No. 19.</i>		
Brushes, breech screw	4	
Buckets, sponge, garrison, wood	4	
Cleaners—		
Piasaba, No. 18	2	
Wool, No. 1	2	
Covers—		
Breech, Q.F., 13- and 18-pr., No. 1	4	
Muzzle, No. 1	4	
<i>Section No. 21.</i>		
Boxes, grease, 3-lb.	4	
<i>Section No. 23.</i>		
Boxes, cartridge case, Q.F., 18-pr., C. 28 ...	(a)	(a) As necessary.
Box, No. 1 percussion primers	1	(b) Only required when using 1-lb. blank charges.
Cartridges, Q.F., blank—		
13-pr., 18-pr., and 3-inch 20-cwt.—		
Cups, Mark I (b)	(a)	(c) Only required when using 3-lb. blank charges.
18-pr.—		
Charges, 1-lb., blank L.G.	(a)	(d) For special circumstances.
Charges, 3-lb., blank, L.G....	(d)	
Cups, Mark II (c)	(a)	
Rings, split (b)	(a)	
Wads, No. 1 (b)	(a)	
Cartridges, Q.F., 18-pr.—		
Cases, empty	(a)	
Clips, cartridge, No. 4	2	Per carriage.
Implements, ammunition—		
Key No. 27-Primer, 13- and 18-pr.	1	
" removing, jammed cartridge Q.F., 13- and 18-pr.	1	
Primers, percussion, No. 1	(a)	
Tools, cartridge, Q.F. blank—		
Drifts, 18-pr. powder cartridge	2	

NOTE.—The quantities of paint, etc., and time allowed for painting these guns and carriages are as laid down in Tables "B" and "C."

TABLE No. 5.

BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT.

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2-75-inch.	18-pr.	6-inch, 26-cwt.	4-5-inch.	3-7-inch.
	Mark :	A & B— I, I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
Body ...	With guide plate for shot, guide lever with 2 screwed rivets ...	1	...	...	...	...	...
Mark I ...	Breech portion, with hard steel piece for carrier ring retaining clip and 2 screwed rivets; and muzzle portion, with junction nut, worm, worm spindle, spring and set screw, catch retaining with spiral spring and nut, and stop ring with 2 set screws	...	1	...	...	...	...
or Converted Mark I	Breech portion, with hard steel piece for carrier ring retaining clip and 2 screw rivets; and muzzle portion, with junction nut, worm, worm spindle, spring and set screw; catch retaining with spiral spring and nut, stop ring with 2 set screws, gas ring and retaining ring	...	...	...	1	...	...
Body ...	...	...	...	...	...	...	...
Body ...	With front and rear left and right bearing strips, with rivets; left and right side cover plates, each consisting of gun metal body, with (2 securing screws, "A" except howitzers, with short guide ring), (2 securing screws "B" for howitzers, with short guide ring), locking plate and stud, with keep pin, upper and lower lubricating pads, lubricating pads retaining plate, with 3 fixing screws, lubricating pads retaining plate joint strip, lubricator filling plug, with loop, chain and link, and filling plug chain securing screw; 4 side cover plate supporting studs; (1 left and 1 right guide ring lengthening blocks, each with securing screw, for howit-	...	...	...	...	...	...

TABLE NO. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2-75-inch.	18-pr.	6-inch, 26-cwt.	4-5-inch.	3-7-inch.
		A & B— I, I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
	Mark :						
Body—<i>contd.</i>	zers, with short guide rings only; connecting stud nuts locking plate and stud with keep pin; recoil indicator, consisting of bracket, with 2 fixing screws, plunger, with keep pin, and plunger spring; and stop plate with 2 screwed rivets	...	...	...	1	...	...
Body ...	With bronze bearing strips (left and right), each with 6 screwed rivets (2 short and 4 long); 4 lubricators ...	...	...	...	...	1	...
Mark I or							
Mark II							
Body ...	Breech portion; and muzzle portion, with junction nut, set screw for worm spindle, worm spindle, worm, bearing washer ball bearing, consisting of cage in 10 $\frac{5}{16}$ -inch, antifriction balls, retaining catch plunger, retaining catch spring and retaining catch nut; stop ring, with 2 set screws; and securing ring in 2 parts with 4 clamping screws (2 long and 2 short)	...	...	...	...	...	1
Arcs, control	Steel, with fixing screw	...	...	...	...	1	...
Blocks, breech	Steel; body with cover plate; plunger catch retaining cover plate, with nut and keep pin, spiral spring and retaining bush; and firing hole bush, with fixing screw	...	...	...	...	1	...
Blocks, guide	Steel; body with safety catch and flat spring	...	...	1	...	...	...
striker							
Bolts, retain-							
ing vent,							
"T" axial,							
Mark II	Steel	...	1	...	...	...	...
Boxes, slide							
"V" ...	Steel; body, with stop plate for lock actuating lever catch, with 2 screwed rivets; securing screw; extractor axis screw; and extractor lever	1(a)	...	...	1(a)	...	...

(a) For guns and howitzers using percussion lock "P.H." only.

TABLE NO. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2·75-inch.	18-pr.	6-inch, 26-cwt.	4·5-inch.	3·7-inch.
	Mark :	A & B— I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
Cams, rotating, breech screw Carriers— “A” mechanism	Steel, with 2 fixing screws	...	...	...	1	...	...
	Bronze ; body, with base plate, with 4 screwed rivets, 2 lubricating screws, bearing washer, stud for breech mechanism lever, with check screw, disc spring, nut and keep pin ; bracket catch retaining breech screw, with plunger, spiral spring and fixing screw ; hinge bolt, with lower bush, with rivet and check pin, upper bush, nut and keep pin and lubricating screw ; sliding block, with bush and axis pin for link, with check screw ; link actuating breech screw ; and Mark II, breech mechanism lever, with retaining catch lever, spiral spring, hinge pin and keep pin, spring guide screw and plunger ...	1	...	...	...	...	...
“B” mechanism	Steel ; body, with 2 lubricating screws, bearing washer, stud for breech mechanism lever, with check screw, disc spring, nut and keep pin ; bracket catch retaining breech screw, with plunger, spiral spring and fixing screw ; hinge bolt with lower bush, with rivet and check pin, upper bush, nut and keep pin and lubricating screw ; sliding block, with bush and axis pin for link, with check screw ; link actuating breech screw ; and Mark II, breech mechanism lever, with retaining catch lever, spiral spring, hinge pin and keep pin and spring guide screw, plunger and guide bracket, with 3 rivets ...						

TABLE NO. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2-75-inch.	18-pr.	6-inch, 26-cwt.	4-5-inch.	3-7-inch.
	Mark :	A & B— I, I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
Carriers— <i>cont.</i>	Steel; with lubricator, consisting of plunger, spiral spring and retaining nut; hinge bolt and keep pin; breech mechanism lever hinge bolt and keep pin; and (Mark I breech mechanism lever, with retaining catch, axis pin, and flat spring); or (Mark II breech mechanism lever, with retaining catch, axis pin, spiral spring and spring guide screw) ...	...	...	1	...	...	...
	Bronze; body, with 2 lubricators; hinge pin, with lubricator and keep pin; bearing washer; breech mechanism lever catch plate, with fixing screw; breech mechanism lever arm, with catch, spring for catch, spring retaining block and securing pin; crank shaft, with nut and keep pin; breech mechanism lever bearing; Mark I, breech mechanism lever bearing securing screw, with keep pin; crosshead; Mark IV, safety shutter; vent axial nut and safety shutter retaining pin, with keep pin; and stop screw ...	...	...	...	1(a)	...	...
	Steel; body; 2 lubricators, each consisting of plunger, spiral spring and retaining nut; striker guide bush and check screw; firing mechanism cover; breech mechanism lever, with catch lever, catch axis screw and catch spring, with fixing screw; breech mechanism lever axis pin and spring keep pin; firing lever; firing lever axis pin, with spring with rivet; firing lever spring; trigger sear; trigger sear spring; and trigger sear axis pin ...	...	...	...	...	...	1

(a) For howitzers using percussion lock "P.H." only.

TABLE NO. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2-75-inch.	18-pr.	6-inch 26-cwt.	4-5-inch.	3-7-inch.
	Mark :	A & B— I, I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
Catches, re- taining, breech screw	Steel, plunger, with spiral spring with rivet	...	...	1	...	...	1
Catch, re- taining, cylin- der nut	Steel, plunger, with spiral spring and retaining nut	...	...	...	...	1	...
Extractors—	Steel, with hinge bolt and keep pin ...	...	...	1	...	...	...
	Steel	...	...	...	...	1	...
	Steel, lever, with hinge bolt	...	...	...	...	...	1
Guides, shot	Bronze and steel; guide block, with hinge screw; actuating lever; and actuating lever bracket, with 2 fixing screws and locking plate, with fixing screw	1	...	...	...	...	...
Levers, breech mechanism— Mark I ...	Steel; with lever retaining catch,) flat spring and hinge screw; cam plate, with securing screw; axis pin and keep pin	...	...	...	...	1	...
or Mark II ...	Steel; with, retaining catch lever and hinge screw; retaining catch spring; spring guide screw; cam plate, with securing screw; and axis pin with keep pin	...	...	...	...	1	...
Levers, firing	Steel	...	...	1	...	...	...
	Steel, body with pawl and hinge pin ...	...	...	...	...	1	...
Locks— Percussion “P.H.” ...	Steel; frame, with firing hole bush; striker spindle; striker nut; striker cap, with keep pin; main spring; main spring collar; and rebound collar; lock actuating lever; re- taining catch plunger with knob and washer; retaining catch guide pin; and retaining catch spring	1	...	...	1	...	...
Pins— Actuating, firing lever	Steel	...	...	...	...	1	...
Retaining, extractor	Steel	...	...	...	...	1	...

TABLE No. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2·75-in.	18-pr.	6-inch, 26-cwt.	4·5-inch.	3·7-inch.
	Mark :	A & B— I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
ings— Carrier ...	Steel ; with hinge pin and keep screw ; clip retaining, with axis pin and spiral spring	...	1	...	...	...	...
Gas ...	Steel	...	1(a)	...	...	...	...
Retaining gas ...	Steel	...	1(a)	...	...	...	...
ring ...							
crews, breech ...	Steel, with lubricating screw and hard steel piece for catch with fixing screw Steel, with cam lever	1	...	...	...	...	...
	Steel ; body, with retaining catch plate, with screwed rivet ; and firing hole bush, with fixing screw	...	...	1	...	...	...
	Steel ; body, with lubricator ; retaining plate ; retaining plate actuating pin, with spring and rivet, and screwed rivet for retaining actuating pin ; roller ; roller axis pin, with keep pin	...	...	...	1	...	...
	Steel ; body, with breech screw retain- ing catch plate, with fixing screw ; and firing hole bush	...	...	...	...	...	1
indles, vent bush, Mark IV axial vent Mark V axial vent.	Steel ; with washer and nut also, Marks III*, II**, and I***** ...	1(b)	...	...	...	...	...
op, safety rivers ...	Also Marks IV*, III**, II**, I***** and I****	...	...	...	1 (b)	...	...
	Steel ; bolt with head and spiral spring Steel ; with firing pin, rebound block and securing pin ; main spring ; guide for main spring ; tripping piece with flat spring and fixing screw	...	...	1	...	...	...
	Steel ; body, with bush and fixing screw ; firing pin ; firing pin retain- ing nut ; rebound collar ; main spring and striker guide	...	...	...	...	1	...
	Steel ; body, with firing pin and retain- ing nut ; trigger ; main spring and cap	...	...	...	...	...	1

Converted Mark I guns only. (b) For guns and howitzers using percussion lock "P.H." only.

TABLE NO. 5.—BODY AND COMPONENT PARTS OF GUNS AND HOWITZERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Guns.			Howitzers.		
		B.L.		Q.F.	B.L.	Q.F.	
		60-pr.	2.75-inch.	18-pr.	6-inch, 26-cwt.	4.5-inch.	3.7-inch.
		A & B— I* & I**.	I Con- verted & I.	I, I* & II.	I.	I & II.	I.
	Mark :						
Triggers ...	Steel, in 2 parts, with bush, collar, spring and keep pin	...	...	1	...	...	...
	Steel and aluminium; bolt; lever and keep pin	...	...	...	...	1	...
Vents, axial— Mark IV ...	Steel; bolt, spiral spring and nut; also Mark III*, II**, I**** and I***** for use with vent bush spindle	1(a)	...	1(a)	1(a)	...	...
or, Mark V ...	Steel; bolt, spiral spring and nut						
or, Mark V* ...	Steel; bolt, with set screw; vent head, No. 4, with washer; spiral spring; and nut; also Mark IV*, III**, II***, I*****, and I*****						
Vent, T. axial	Steel; with No. 2, spring retaining, “T” tube; also Mark I*	...	1	...	...	...	...

(a) For guns or howitzers using percussion lock “P.H.” only.

TABLE No. 6.

COMPONENT PARTS OF TRAVELLING CARRIAGES.

Designation.	Detail.	Mark :	Travelling- Carriages
			B.L. 6-inch 26-cwt. Hwzr. I.
axletree—			
1st Class, "B," No. 306	Steel, with bolts		1
Block, housing, No. 9 lubricating can, "B."	Wood, with leather cover		1
Carrier, dust excluder, 1st Class, axletree, No. 4	Steel, with screws		2
axle—			
Bearing, roller, trunnion	G.M., cage with cover and 26 steel rollers		2
Body	Steel; consisting of top and bottom plates; depression stop plates; strengthening band; band, securing cap; trunnion band with securing screws; 2 trunnions, each with ring, roller, race, inner and cap with grub screw and securing screws; bracket cradle clamp (left and right); bracket cross shaft with keep pin; bracket housing plunger, left, with bush and keep pin; bracket, housing plunger, right, with keep pin and plug; guide, hand lever, quick loading gear; guide, rod actuating, cut off gear, with cover with securing screws and keep pin		1
Buffer and recuperator—			
Block, cylinder	Steel, with M.B. liners (2 front and 2 rear); two stop plugs, each with copper joint ring		1
Buffer, hydraulic—			
Box, stuffing... ..	Steel		1
Cap, stuffing box	Steel		1
Cylinder, control	Steel, with M.B. bush and locking screw; and plug adjusting run out with fibre washer		1
Gland, stuffing box, Mark II	Steel, with M.B. butt ring		1
Piston, Mark II	Steel body; with 2 R.B. piston ring segments with securing screws; rotating valve; thrust ring; 2 nuts, each with keep pin		1
Plug, filling hole (also air)	Steel, with chain and eye and fibre washer		1
Rings—			
Compressed packing—			
No. 21	Dick's		1
No. 21 (supplementary)	Dick's		(a)
Joint, stuffing box, Mark II	Steel		1
Packing, L. section	Rubber		1
Sleeve, stuffing box	G.M.		1
Spring gland	Steel		1

(a) As may be necessary, consequent to wear of rings.

TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark:	Travelling- Carriages
			B.L. 6-inch 26-cwt Hwz. I.
Cradle—<i>contd.</i>			
Buffer and recuperator— <i>contd.</i>			
Buffer, hydraulic— <i>contd.</i>			
Valve, snifting	Steel ; including plug with washer ; valve with guide ; plunger and spring		1
Washers, packing—			
Control cylinder	Fibre		1
Stuffing box, Mark II	Fibre		1
Stuffing box and control cylinder.	Fibre		1
Collar, locking plate	Steel		1
Plates—			
Locking—			
Cylinder, control	Steel, with chain and eye		1
Cylinder, hydraulic rear			1
Front, left			1
„ right			1
Plug, overflow, right	Steel		1
Notice	Brass, with securing screws		1
Recuperator—			
Box, stuffing	Steel		1
Cap, dust, Mark III	Consisting of body with stud guard ; nut ; strap, securing with hinge screw ; valve ; guard ; spring pin and ring with chain		1
Cap, stuffing box	Steel		1
Collar, centring, throttle valve—			
Spring, Mark II	M.B.		1
Cylinders—			
Hydraulic	Steel, with keep pin		1
Hydro-pneumatic	Steel		2
Gland, stuffing box, Mark II	Steel, with M.B. butt ring		1
Nut, securing, H.P. cylinders	Steel		2
Plugs—			
Adapter, hole, pressure gauge	Steel, with fibre washer		1
H.P. cylinder—			
Left	Steel		1
Right	Steel		1
Overflow (also air)—			
Left	Steel, with fibre washer		1
Right	Steel, with locking pin and fibre washer		1

TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark :	Travelling Carriages
			B.L.
			6-inch 26-cwt Hwzr I.
<i>iddle—contd.—</i>			
<i>uffer and recuperator—contd.—</i>			
<i>Recuperator—contd.—</i>			
Ram, Mark III.	Steel rod ; including head with 2 rings, packing, U section ; steel stop ring (in halves) ; rings, compressed packing, No. 22 ; ring, supporting, U section, packing (front and rear) ; ring, supporting, compressed packing ; nut supporting spring ; nut, securing, U section packing with keep pin and spiral spring		1
Rod	Steel ; with ring, ram head ; plunger, locking, with spring ; bush, guide, with locking screw adapter hole plug with washer ; connecting nut with collar and stud		(a)
<i>Rings—</i>			
Compressed packing—			
No. 23	Dick's		1
No. 23 supplementary	Dick's		(b)
Packing, L section	Rubber		1
Joint, H.P. cylinder—			
Front	Copper		2
Rear	Copper		2
Joint, hydraulic cylinders	Copper		1
sleeve, stuffing box	G.M.		1
<i>Springs—</i>			
Gland	Steel		1
Throttle valve, Mark II	Steel		1
Valve, air, Mark II	Steel ; spindle (in 2 parts) with nut ; M.B. gland ; 2 M.B. neck rings and lock nut		1
Valves, throttle	M.B.		1
Washer, packing, stuffing box	Fibre		1
<i>Studs—</i>			
Connecting howitzer, Mark II	Steel, with nut		2
Locking plate—			
Round shank	Steel		2
Square shank	Steel		2
ap, front, Mark III	M.B. ; with (flat) steel door with hinge pin ; hinge stud ; stud securing door with keep pin ; 3 hinged bolts each with hinge pin, castellated nut and keep pin ; 2 screwed stop pegs ; spindle, operating, snifting valve with guide and instruction plate		1

(a) Sub-component of ram.

(b) As necessary, consequent to wear of ring.

TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark.	Travelling- Carriages B.L. 6-inch 26-cwt Hwz. I
Cradle—<i>contd.</i>			
Clamp, locking cradle to elevating arc.	Steel; in 3 parts with 2 studs, each with nut and keep pin and 2 screws	...	1
Gear, cut off—			
Link, trunnion, Mark II	G.M.; with pin, oil screw, chain and eye	...	1
Rod, actuating, Mark II	Steel; including eye with keep pin and stop collar	...	1
Segments, bevel wheel—			
Crank spindle...	Steel, with keep pin	...	1
Piston rod	Steel	...	1
Spindle, crank	Steel, with connecting pin with keep pin	...	1
Pad, beating face—	Leather, with brass plate and 2 studs, each with nut and keep pin	...	1
Pin, securing, depression stop	Steel, with nut and keep pin	...	1
Plate, instruction—			
Quick loading gear	Brass, with screws	...	1
Hydraulic buffer	Brass, with screws	...	1
Recuperator	Brass, with screws	...	1
Plates—			
Scale, recoil indicator	Brass, with screws	...	1
Ring, roller race trunnion, bearing outer	Steel	...	2
Screw, oil hole, $\frac{5}{16}$ -inch	Steel, with chain and screwed eye	...	2
Stop, depression	Wood block; with brass tube; protecting plate with fixing screws; steel chain with eye; and eye block with fixing screws	...	1
Excluder, dust, 1st class, axletree	Leather, ring with keep plate and screws	...	2
Link, rear draught	Steel; with connecting pins, each with collar and keep pin; joint pin, and flat split key, each with chain and eye	...	1
Saddle—			
Body	Steel; including 2 sides each with rubbing plate; transom, with traversing pivot bracket; plate, facing locking bracket and 2 brackets, bearing trunnions	...	1
Brackets—			
No. 1 dial sight	Steel; with stud locking key and key locking pillar with chain and eye	...	1
Locking	Steel	...	1
Supporting, No. 7 dial sight, case	Steel; with leather buckling pieces and securing screws with locking wire	...	1
Capsquares—			
Left	Steel, with locking screw	...	1
Right	Steel, with locking screw	...	1
Case, elevating and traversing gear, Mark III	M.B. body; with adjusting bush; bush supporting sight bracket; bush elevating pinion; cover with securing screw and keep pin; locking plate; stud with keep pin; grub screws and oil screws with chains and eyes (also rear left clip combined)	...	1

TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark:	Travelling Carriages
			B.L. 6-inch 26-cwt Hwzr. I.
iddle—<i>contd.</i>			
lip, rear, right	M.B.		1
uide, front—			
Left	Steel		1
Right	Steel		1
ey, capsquare—			
No. 5	Steel, with loop and chain (left)		1
No. 6	Steel, with loop and chain (right)		1
in, joint, capsquare	Steel, with keep pin		2
ivot, traversing	Steel, with lubricating pipe and locking screw		1
late, inscription	Brass, with fixing screws		1
ill—(a)			
body	Steel; consisting of left and right sides; front and rear transom; breast plate; rubbing plates; slats and staples		1
Brackets—			
Axletree—			
Left	G.M.		1
Right	G.M.		1
Draught link—			
Left	Steel		1
Right	Steel		1
Housing, cradle clamp	Steel		2
Eye, trail—			
No. 38	Steel, with preserving clip		1
Plates—			
Breast	Steel		1
Cover handhole	Steel, with fixing screws		6
Facing—			
Axletree—			
Flange, left	Steel		1
" right	Steel		1
Packing, draught link bracket	Steel		2
Rubbing	Steel		2
Strengthening, front transom	Steel		1
Strengthening, rear end	Steel		1
Rings, packing, cover plate	Steel, with rivets		6
Sides—			
Left	Steel		1
Right	Steel		1
Staples, lashing, special—			
$\frac{1}{4}$ -inch, $2\frac{3}{8}$ -inch centres	Steel		2

i) For the B.L. 6-inch 23-cwt., the fittings shown under this heading are for the Mark II trail.

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TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark: Travelling Carriage B.L. 6-in 28-g Hwy 1
Trail—<i>contd.</i>		
Body—<i>contd.</i>		
Transom—		
Front	Steel, with M.B. saddle pivot bracket...	1
Rear	Steel	1
Block, housing stave	Wood, with securing bolts	1
Brackets—		
Angle, saddle guide—		
Inner	Steel	1
Outer	Steel	1
Cradle clamp—		
Left	Steel	1
Right	Steel	1
Handspike, Mark II	Steel	1
Housing—		
Brake arm	Steel	2
Stave end	Steel	1
Rammer	Steel	1
Supporting, brake arm—		
Left	Steel; with pin housing brake screw, and flat split key each with "S" hook, chain and eye	{
Right		{
Traversing gear	M.B., with bush and locking screw	1
Cap, housing, loading tray	Steel	1
Clamps, cradle	Steel; channel bar with pawl; 2 locking keys each with chain and eye	1
Clips—		
Saddle, front, Mark II	Steel, with lubricator	2
Securing—		
Air compressor—		
Lower	Steel	2
Upper	Steel	2
Case memo. of examination No. 1.	Steel	2
Supporting transom	C.I. (in 2 parts) with 3 bolts, each with nut and keep pin	1
Guide, saddle clip, rear—		
Left	Steel	1
Right	Steel	1
Gusset, stiffening spade—		
Left	Steel	1
Right	Steel	1
Plate, strengthening spade	Steel	1
Spade	Steel; consisting of, blade; plate top and stay	1
Stop, stave end	Steel	1
Wheels—		
1st class "B," No. 12	5-feet diameter; 6-inch tire; M.B. nave; 12-inch pipe with dust cap; 2 keep pins and drag washer...	2

TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark:	Travelling. Carriages.
			B.L. 6-inch 26-cwt Hwzr. I.
gear, brake—			
Arm, brake—			
Left	Steel; with hinge pin with collar and keep pin; pin connecting spring carrier with flat split key, each with "S" hook, chain and eye; shoe brake block with keep pin		1
Right			
Bearing, swivel, brake, nut ...	Steel; with collar, nut and keep pin; oil screw, chain and eye		2
Block, brake, 6-inch tire, No 1. ...	C.I.		2
Brackets—			
Swivel bearing—			
Left	Steel, with securing screws and M.B. bush with fixing screws		1
Right			
Carrier, spring	M.B. with steel nut, collar and cotter each with keep pin		2
Collar, stop... ..	Steel (in halves)		2
Nut, brake screw	M.B., with nut, securing handwheel with collar and keep pin and cap with keep pin		2
Screw, brake—			
No. 39	Steel		2
Spring, disc—			
No. 53	Steel		12
Wheel, hand, 12-inch—			
No. 6	G.M., with handle		2
gear, elevating—			
Arc	Steel; with bush; securing screw; oil screw; chain and eye Alternative		1
Bush, adjusting worm	Steel frame; with toothed segment with bush; securing screw; oil screw; chain and eye		1
Pinion—	M.B.		1
Mark II	Steel		1
Plate, locking bush	Steel, with securing screws		1
Pointer, quadrant, degree scale ...	Brass, with steel screws		1
Quadrant, degree, scale	G.M., with steel screws		1
Shaft, handwheel and worm	Steel, with collar, castellated nut and keep pin		1
Washer, anti-friction	Steel		4
Wheel, hand—			
9½-inch, No. 1	G.M., with handle and keep pin		1
Wheel, worm—			
Mark II	Steel, including arc pinion spindle with nut and keep pin		1
Worm	M.B.		1

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TABLE NO. 6.—COMPONENT PARTS OF TRAVELLING CARRIAGES—*contd.*

Designation.	Detail.	Mark :	Travelling Carriages. B.L. 6-inch 28-cw Hwz L
Gear, operating sight—			
Bearing, pivot connecting rod	Steel, with collar and keep pin... ..		1
Block, sliding pillar	Steel		1
Bracket, supporting sight—			
Mark II	Steel ; with connecting pin with keep pin ; 2 caps, with screws and collar with spring keep pin... ..		1
Pillar, connecting rod	Steel ; with 2 adjusting screws ; 2 locking plates, each with securing screw and keep pin		1
Rod, connecting	Steel (tubular) ; with coupling ; coupling pin with collar ; spring keep pin and chain and 2 nuts each with lock nut		1
Gear, quick loading—			
Lever—			
Cross-shaft—			
Left	Steel, with keep pin and connecting pin with keep pin		1
Right	Steel, with keep pin, roller and connecting pin with keep pin		1
Hand	Steel		1
Pin, axis, hand, lever	Steel		1
Plug, housing, bracket, right	G.M.		1
Plunger—			
Left, Mark II	Steel, with collar and eye with keep pin		1
Right	Steel		1
Shaft, cross	Steel		1
Spring, plunger—			
Left	Steel (spiral)		1
Right	Steel (spiral)		1
Gear, traversing—			
Bearing, pivot	M.B. ; with nut and keep pin ; oil screw, chain and eye		1
Cover, traversing screw	Steel ; with adjusting nut and keep pin ; cap with leather, packing washer with keep pin		1
Link, nut	M.B., with connecting pin and keep pin		1
Plate, degree scale	M.B., with fixing screws		1
Pointer, degree scale	Brass, with fixing screws		1
Screw, traversing	Steel ; with washer collar ; nut and keep pin		1
Wheel, hand—			
12-inch, No. 5	G.M.		1
<i>Stores attached to and included as part of Carriage.</i>			
Case—			
Sight clinometer	Leather ; with 2 brass securing bands... ..		1
Pocket, rimer, vent, Mark II	Leather, with rivets		1
Straps, securing—			
Handspike and cleaning brush	Leather	pairs	1
Loading tray	Leather, with buckling piece		4
Rammer and stave	Leather, with buckling piece		2

TABLE No. 7.—COMPONENT PARTS OF FIELD CARRIAGES.

Designation.	Detail.	Carriages, Field.							
		Mark :	B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
			I	III	I	I	I*	I**	II
Axletrees—									
1st Class, " B "—									
No. 3	Steel, with collars, each with screw	...	1	...	...	...	...	...	...
No. 13... ..	Steel, with 4 collars, each with screw	...	...	1	...	...	...	...	...
2nd Class, " C "—									
No. 34, Mark II	Steel, with fixing bolts	...	...	...	1	...	...	...	...
No. 206	Steel	...	...	...	...	1	1	1	1
Bar, links coupling									
running-out press	Steel, with bush and 2 connecting pins, each with keep pin	...	...	1	...	...	...	...	...
Bolts, locking saddle									
...	Steel, with chains with loops and swivel, and nut with brass chain and " S " hooks	...	2	...	...	...	...	...	...
Brackets—									
Axletree supporting									
shield—									
Inner—									
Left	Steel, with fixing bolts and screws	...	...	...	1	...	...	...	...
Right	Steel, with fixing bolts, screw, and spare part case bracket	...	...	...	1	...	...	...	...
Outer—									
Left	Steel, with dust excluder and fixing bolts	...	...	...	1	...	...	...	...
Right	Steel, with dust excluder, spare part case bracket and fixing bolts	...	...	...	1	...	...	...	...
Left	Steel, with bolt connecting tensile stay with nut and keep pin, dust excluder and fixing screws...	...	...	...	...	1	1	1	1
Right		...	...	...	...	1	1	1	1
Connecting axletree and									
trail	Steel	...	...	...	...	1	1	1	1
Dial sight									
...	M.B., with clamping screw with nut and keep pin, handle flat spring, with securing screw and fixing screws	...	...	...	...	1	1	1	1
Supporting sight									
...	Steel, with clamping screw, set screw, locking plate with hinge screw, catch spiral spring and studs with nuts and keep pins, for bar and dial sights	...	...	...	1	...	...	...	...
Buffer, hydraulic—									
Box, stuffing									
Cylinder	M.B.	...	...	...	...	1	...	...	...
...	Steel, including connection with 2 secur- ing nuts (1 inner and 1 outer) and stop collar for spring case	...	...	...	...	1	...	...	...
Gland	M.B.	...	...	...	...	1	...	...	...
Plug, filling hole, No. 12									
...	Steel, with washer, chain loop, and keep pin	...	...	...	...	1	...	...	...
Plunger, controlling									
running-out, Mark									
II.	Steel	...	...	...	...	1	...	...	...

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TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Mark :	Carriages, Field.							
			B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
			I.	III	I.	I.	I*	I**	II	
Buffer, hydraulic—<i>contd.</i>										
Rings—										
Compressed packing—										
No. 2	Dick's							1		
No.2 supplementary	Dick's							a		
Supporting packing—										
Inner	M.B.							1		
Outer	M.B.							1		
Rod, piston, Mark IV ...	Steel, with retaining nut, piston ring and steel securing collar, with 2 set screws...							1		
Stud retaining stuffing box	Steel, with keep pin and spiral spring...							1		
Valve, air	Steel							1		
Washers, packing	(1 fibre and 2 copper to set) ... set							1		
Cam, actuating recoil valve...	Steel, with fixing screws						1			
Carriage body	Steel, with transoms, 2 trunnion bearings, 2 clutch spindle bearings, 2 axle-tree bearings, bracket traversing and bracket carrying elevating gear lower with cap, 2 stops for clutch spindle, and arc adjusting clamp							1	1	1
Bracket, extending side	Steel, with rivets			1						
Plates, nut, left clip screws—										
Long	Steel			1						
Short	Steel			1						
Sides—										
Left	{ Steel			1						
	{ Steel				1					
Right	{ Steel				1					
	{ Steel			1						
Transoms—										
Front	Steel plate with angle frame and plate carrying pivot bearing				1					
Rear	{ Steel plate with angle frame and 2 elevating stops				1					
	{ Steel				1					
Fittings—										
Bearing traversing pivot	Steel			1						
Bollards	Consisting of brackets, sheave pin and sheave			2						
Brackets—										
Elevating gear	M.B., with cover, lubricator, bolts and screws			1	1					
Traversing pivot	Steel				1					

(a) As may be necessary consequent of wear of No. 2 ring.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Mark:	Carriages, Field.						
			B.L. 60- pr.	Q.F. 4·5- in.	Q.F. 18-pr.				
			I.	III	I.	I.	I*	I**	II
ittings—contd.									
Capsquares...	Steel	...	...	...	...	2	2	2	2
Left	Steel	1	...	...	...	...	...	...	...
	Steel, with lubricator, stops and screws	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
	Steel, with lubricator, stops and screws	1	...	...	...	...	...	...	...
Clips, rear—									
Left	M.B., with screws	1	1	...	...	...	...	...	...
Right	M.B., with bolts	1	...	...	...	...	...	...	...
	M.B., with screws	1	...	...	...	...	...	...	...
Collars, packing bollard	Steel	2	...	...	...	...	...	...	...
Keys, capsquare, No. 227	Steel, with chain and loop... ..	2	2	...	...	...	...	...	...
Pins—									
Capsquare	Steel, spring split with chains and loops	2	2	...	...	2	2	2	2
Joint capsquare	Steel, with keep pin	2	2	...	...	...	...	...	...
Pivot, traversing	Steel, with lubricator, collar and keep pin	1	1	...	...	...	...	...	...
Plates—									
Degree scale	Brass, with rivets	1	...	...	...	...	...	...	...
Inscription	G.M., with screws	1	...	...	...	...	...	...	...
	G.M., with screws	1	...	...	...	...	...	...	...
Supporting bollard—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Strip, degree scale	Brass, with bolts and nuts	...	1	...	...	...	...	...	...
arriers—									
Dust excluder, 1st class	Steel, with screws	2	2	...	...	...	...	...	...
axletree, No. 1.									
Shovel clip	Steel (in 2 parts), with 2 screws	...	...	...	...	1	1	1	1
Tip, securing shovel	Steel, spring with 2 screws	...	...	...	...	1	1	1	1
ollars, adjusting—									
1st class "B" capped									
wheels... ..	Steel	2	2	...	...	...	...	...	...
2nd class "C" capped									
wheels	Steel	...	...	2	2	2	2	2	2
radle—									
Arc, toothed, actuating,									
recoil valve	Steel, with nut and keep pin	...	...	1	...	...	...	...	...
Bar, actuating, recoil									
valve	Steel, with nut and keep pin, roller and	...	...	1	...	...	...	...	...
Bearings—	securing nut	...	...	1	...	...	...	...	...
Actuating rod—									
Front	Steel, with nut	...	...	1	...	...	...	...	...
Rear	Steel, with nut	...	...	1	...	...	...	...	...
Carrying range indica-									
tor	M.B., with set screw	...	...	...	...	1	1	1	1
Pinion spindle hand									
wheel	Steel, with M.B. bush and set screws	...	...	...	...	1	1	1	1

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TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		Mark:	B.L. 60- pr.		Q.F. 4.5- in.		Q.F. 18-pr.		
			I.	III	I.	I.	I*	I** II	
Cradle—<i>contd.</i>									
Body	M.B., without fittings	1	1	...	...	...	...	...	...
	Steel	...	...	1	...	...	...	...	...
	M.B., with steel trunnions and M.B. liners	...	...	...	1	1	1	1	1
Brackets—									
Carrying elevating gear, upper ...	Steel, with M.B. bush, cap and keep pin	...	...	...	1	1	1	1	1
Clamping and locking gear	Steel	...	...	1	...	...	...	...	...
Foresight, Mark II ...	M.B., with keep pin and chain ...	1	1	...	...	...	...	...	...
Hinge bolt, front cap— Bottom ... }	Steel, with hinge bolts and nuts ...	{	...	...	1	2	...	...	...
Side ... }									
Lubricator, gun slides									
Left ... }	M.B., body with felt pad, brass cover with leather strips and fixing screws, securing bolt with keep pin and 2 wipers (1 fixed and 1 adjustable) with screws	{	...	...	...	1	1	1	1
Right ... }									
Brackets—									
Tangent sight, Mark II	M.B., with clamp	1	1	...	...	...	...	...	...
Trunnion	Steel, with 2 screwed collars each with set screw	...	...	1	...	...	...	...	...
Buffer, hydraulic—									
Band, locking valve keybolt (a) ...	Steel (in halves) with bolts ...	1	1	...	...	...	...	...	...
Box, stuffing ... }	M.B. (a)	1	1	...	...	...	...	...	...
	P.B.	...	...	1	...	...	...	...	...
Carrier, retarding valve	Steel	...	...	1	...	...	...	...	...
Collar, dividing piston and valve ...	Steel (in halves)	...	...	1	...	...	...	...	...
Coupling, piston rod	Steel, with coupling pin with cotter pin with chain and screwed eye ...	...	...	1	...	...	...	...	...
	Steel, with nut securing howitzer	...	...	1	...	...	...	...	...
Cylinder ... }	Steel, with securing collars (1 front, 1 rear, and 1 split) air hole plug and distinguishing plate with screws (a) ...	1	1	...	...	...	...	...	...
Cylinder, controlling running-out, Mark IV.	M.B., including tank with 3 screwed loops, letters, 2 air hole plugs and 1 filling hole plug, each with fibre washer, chain, "S" hook and loop (a), also bye- pass valve, packing collar and washer ...	1	1	...	...	...	...	...	...

(a) For Mark II buffer.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		Mark:	B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
			I.	III	I.	I.	I*	I**	II
<i>radle—contd.—</i>									
Buffer, hydraulic— <i>contd.</i>									
Glands, piston rod	M.B. (a)		1	1	...	...	...	...	...
Packing, greased, $\frac{3}{4}$ -inch, square	P.B.		...	...	1	...	...	...	...
Piston	Length of 16 inches (a) ... lengths		1	1	...	...	...	...	...
Plugs—	Steel, including rod and M.B. piston ring segments, nut and keep pin (a)		1	1	...	...	...	...	...
Cylinder	P.B.		...	...	1	...	...	...	...
Filling hole, No. 16	Steel		...	...	1	...	...	...	...
Rings—	Steel (also emptying)		...	...	2	...	...	...	...
Compressed packing No. 2	Dicks		...	...	1	...	...	...	...
No. 2, supplementary	Dicks		...	...	(b)	...	...	...	...
Looking controlling cylinder	Steel, consisting of 1 upper and 1 lower plate with two securing bolts, each with nut and keep pin (a)		1	1	...	...	...	...	...
Packing, L-section	Leather (a)		1	1	...	...	...	...	...
Packing, U-section	Leather		...	...	1	...	...	...	...
Securing, leather packing	P.B.		...	...	1	...	...	...	...
Mark II	M.B. (a)		1	1	...	...	...	...	...
Supporting packing									
Inner	P.B.		...	...	1	...	...	...	...
Outer	P.B.		...	...	1	...	...	...	...
Rod, piston	Steel, with front nut and rear nut with keep pin		...	...	1	...	...	...	...
Valves—									
Key	R.B., with steel bolt and nut and fibre washer (a)		2	2	...	...	...	...	...
Recoil	P.B.		...	...	1	...	...	...	...
Retarding	P.B.		...	...	1	...	...	...	...
Washers, packing	(6 fibre and 1 tin to a set) (a) ... sets		1	1	...	...	...	...	...
Bush, rear cap	Copper, 4 to a set		...	...	1	...	...	...	...
Caps—	G.M.		...	...	1	...	...	...	...
Outer, spring case, Mark III	Steel, with keep pin, 3 studs, each with nut and keep pin and hinged cover with catch		...	...	1	...	...	...	...
Front	Steel, with G.M. bush and bearing		...	...	1	...	...	...	...
Rear	Steel		...	...	1	...	...	...	...

(a) For Mark II buffer.

(b) As necessary.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.						
		B.L. 60- pr.		Q.F. 4-5- in.		Q.F. 18-pr.		
		Mark:		I.	I.	I*	I**	II
Cradle—<i>contd.</i>—								
Cap, recuperator, case front—								
No. 1	M.B., with 3 steel hinge bolts, each with hinge rivet, nut, washer and keep pin and 2 instruction plates ...							
No. 2	Steel, with connecting ring with set screw, bushes, 2 studs locating lever stop, and stop actuating lever recoil gear with 2 securing screws and 2 instruction plates ...	...	...	...	...	1	1	1
Case, recuperator ...	Steel, with ring, M.B. and steel guides, brass cover plate, with screws and instruction plate with rivets ...	...	...	...	...	1	1	1
Case, spring—								
Inner	Steel	...	...	...	1	...	...	...
Outer—								
Mark II	Steel	...	...	...	1	...	...	...
Left, Mark II	Steel, with strengthening band, butt strip, bearing band, securing band, front shield plate, packing strips, and securing bolts also stop running out press	1	1	...	...	...	...	...
Right, Mark II		1	1	...	...	...	...	...
Clip, pipe, lubricating recuperator guide ...	Brass, with screws and keep pin ...	...	...	...	...	1	1	1
Collar, toothed, actuating recoil valve ...	Steel, with 2 keep pins	...	...	1	...	...	...	...
Compressor, running out springs	M.B., cylinder, with head with cover plate for oil chamber with cap and screws	...	...	1	...	...	...	...
Coupling, running out press, Mark II... ..	Steel, with pin, nut and keep pin... ..	2	2	...	...	...	...	...
Cover	Brass (in 2 parts) with screws	1	1	...	...	...	...	...
Eyes, lashing, $\frac{3}{8}$ -inch ...	Steel (for securing mats, protecting running out press)	6	6	...	...	...	...	...
Foresight	Steel	...	...	...	1	1	1	1
Guard, protecting, gunlayer. {	Steel, with firing lever stud with collar and keep pin	...	...	...	1	...	...	...
	Steel, with G.M. bracket, with firing lever stud with collar and keep pin... ..	...	...	...	...	1	1	1
Guide, arc, range gear, Mark II	M.B., with G.M. cap, keep pin and fixing screws	...	...	...	1	1	1	1
Howitzer stop	G.M., ring, with 6 leather washers and 4 bolts, each with nut	...	...	1	...	...	...	...
Keys—								
Securing cylinder	Steel	1	1	...	...	...	...	...
Toothed collar	Steel	...	2	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
	Mark:	I.	III	I.	I.	I*	I**	I	II
Cradle—<i>contd.</i>—									
Levers—									
Bar actuating recoil valve ...	Steel ...			1					
Liners—									
Left ...	P.B. (in 3 parts), with screws and rivets ...	1	1						
Right ...		1	1						
Link, coupling, running out press ...	Steel, with pin and keep pin ...	2	2						
Lubricator, gun slides ...	Consisting of brass cup, with cap, leather washer, chain and "S" hook ...					2	2	2	2
Lubricator, Stauffer, No. 3, pattern H ...							1	1	1
Plates—									
Elevation scale ...	Brass, with steel fixing screws ...			1					
Inscription ...	G.M., with screws ...	1	1						
Instruction (a) ...	G.M., with screws ...	1	1						
Mark II ...	Brass, with screws ...			1					
Parting, running out springs—	Brass, with screws ...			1					
Inner, Mark II ...	Steel ...				3				
Outer, Mark II ...	Steel ...				3				
Thick ...	Steel ...				2				
Thin ...	Steel ...				2				
Shield spring case rear—									
Left ...	Steel, with 6 securing screws ...	1	1						
Right ...		1	1						
Pipe, lubricating, recuperator, guide ...	Copper, with 2 connections (1 large and 1 small) ...					1	1	1	
Presses, running out, Mark II ...	Consisting of inner spring case, with rear bearing and bearing ring, 4 inner and 4 outer springs, 3 dividing plates, tubular rod, connecting lug, screw compressing springs, 4 tension bolts each with nut and keep pin, tension bolt cap with dowel pins, inner spring case bearing, plate retaining springs, and ring centring inner spring case ...	1	1						

(a) Not for future manufacture.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		Mark :	B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
			I.	III	I.	I.	I*	I**	II
Cradle—<i>contd.</i>									
Protectors—									
Curved—									
Lower	Brass, with screws	}	...	...	...	1	1	1	1
Upper—			...	...	...	1	1	1	1
Front			...	...	...	1	1	1	1
Rear			...	...	...	1	1	1	1
Straight—			...	...	...	1	1	1	1
Left			...	...	...	1	1	1	1
Right			...	...	...	1	1	1	1
Recuperator air—									
Body, recuperator	Steel, with front plug with pipe and tube		...	...	...	...	1	1	1
and buffer									
	filling reservoir and adapter breech								
	lug with nut and keep pin		...	...	...	...	1	1	1
Buffer, hydraulic—									
Box, stuffing	Steel		...	...	...	...	1	1	1
Cap, run out plug ...	M.B., serrated		...	...	...	...	1	1	1
Gland, adjusting									
plug	M.B., with lock nut		...	...	...	...	1	1	1
Lever, actuating,									
recoil gear	Steel		...	...	...	...	1	1	1
Plugs—									
Adjusting run									
out, Mark II	Steel		...	...	...	...	1	1	1
Air hole	Steel		...	...	...	...	1	1	1
Filling hole	Steel		...	...	...	...	1	1	1
Rear	Steel, with M.B. bush and keep screws ...		...	...	...	...	1	1	1
Plate, locking, cap,									
run out plug	Steel		...	...	...	...	1	1	1
Rings—									
Joint cylinder	Steel		...	...	...	...	1	1	1
Joint seating									
relief valve	Fibre		...	...	...	...	1	1	1
Neck, L-packing	M.B.		...	...	...	...	1	1	1
Packing stuffing									
box, L-section	Rubber		...	...	...	...	1	1	1
Supporting, L-									
packing	M.B.		...	...	...	...	1	1	1
Rod, piston	Steel, with M.B. piston, recoil valve,		...	...	...	...	1	1	1
	steel ring, nut securing valve, collar		...	...	...	...	1	1	1
	and front nut with keep pin		...	...	...	...	1	1	1
Seating, relief valve	G.M.		...	...	...	...	1	1	1
Springs—									
Plunger, locking									
adjusting plug	Steel (spiral)... ..		...	...	...	...	1	1	1
Relief valve	Steel (spiral)... ..		...	...	...	...	1	1	1

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.						
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
	Mark :	I.	III	I.	I.	I*	I**	II
Cradle— <i>contd.</i> —								
Recuperator air— <i>contd.</i>								
Buffer, hydraulic— <i>contd.</i>								
Stud, locking plate, run out plug ...	Steel, with nut and keep pin ...					1	1	1
Valve, relief ...	Steel, with nut ...					1	1	1
Washer, packing, stuffing box ...	Fibre ...					1	1	1
Buffer and recuperator Catch, gland ...	Steel, plate, locking stuffing boxes, with securing screw and keep pin, spindle with nut and keep pin, 2 locking levers each with spring stop, spiral spring and securing loop ...					1	1	1
Gland, stuffing box, Mark II ...	M.B. ...					2	2	2
Rings—								
Compressed pack ing—								
No. 8 ...	Turner's ...					4	4	4
No. 8, supple- mentary ...	Turner's ...					a	(a)	(a)
No. 17 ...	Asbestos ...					2	2	2
Gland ...	M.B. ...					2	2	2
Neck adjusting plug and stop valve ...	M.B. ...					4	4	4
Washers, packing—								
Filling plugs ...	Fibre ...					3	3	3
Stuffing box, recuperator, also rear plug, hydraulic buffer	Fibre ...					2	2	2
Cover, adapter, breech lug ...	Brass, with 3 fixing screws ...					1	1	1
Recuperator—								
Box, stuffing ...	Steel ...					1	1	1
Gland, stop valve	Steel, with lock nut ...					1	1	1
Plugs—								
Adapter hole ...	Steel ...					1	1	1
Filling hole ...	Steel (serrated) ...					1	1	1
Rings—								
Neck, L-packing	M.B. ...					1	1	1
Packing stuffing box, L-section	Rubber ...					1	1	1
Supporting. L- packing ...	M.B. ...					1	1	1

(a) As necessary.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
		Mark:		I.	I.	I*	I**	II	
Cradle—<i>contd.</i>									
Recuperator air— <i>contd.</i>									
Recuperator— <i>contd.</i>									
Rod, piston ...	Steel, body, with M.B. piston with rivet, spindle with piston packing with split pin, sleeve adjusting packing, 2 rubber rings, U-section, 2 supporting rings, nut securing packing, keep pin, collar and front nut with keep pin ...	...	...	...	...	...	1	1	1
Seating, stop valve	Steel, with grub screw ...	...	...	...	...	...	1	1	1
Spindle, stop valve, Mark II ...	Steel ...	...	...	...	...	...	1	1	1
Spring, retarding valve ...	Steel (spiral) ...	...	...	...	...	...	1	1	1
Stop, filling plug ...	Steel (serrated) with screws and keep pin ...	...	...	...	...	...	1	1	1
Valves—									
Retarding ...	M.B. ...	...	...	...	...	...	1	1	1
Stop, Mark II ...	Steel ...	...	...	...	...	...	1	1	1
Washer, packing—									
Adapter plug ...	Fibre ...	...	...	...	...	...	1	1	1
Stop valve seating	Fibre ...	...	...	...	...	...	1	1	1
Rod, actuating, recoil valve ...	Steel, with screwed stud ...	...	...	...	...	1	...	...	...
Screws, lubricating hole, bosshead, $\frac{1}{8}$ -inch $\times$ $\frac{1}{4}$ -inch ...	G.M. ...	...	...	...	...	...	8	8	8
Screws—									
Preserving ...	Steel ...	...	...	...	...	1	1	...	...
Set, buffer cylinder ...	Steel ...	...	...	...	...	2	2	...	...
Set, studs adjusting sight bracket ...	Steel ...	...	...	...	...	2	2	...	...
Set, trunnion ...	Steel ...	...	...	...	...	...	2	2	2
Thumb, lubricating hole, $\frac{1}{8}$ -inch ...	Brass, with chain and loop ...	...	...	8	8	...	...	...	...
Shield, protecting tank	Steel ...	...	...	...	...	...	1	...	...
Springs, running out—									
Inner ...	Steel ...	...	...	...	...	...	4	...	...
Outer ...	Steel ...	...	...	...	...	...	4	...	...
Wound, left ...	Steel ...	...	...	...	...	2	...	...	...
Wound right ...	Steel ...	...	...	...	...	1	...	...	...
Stop—									
Actuating lever, recoil gear ...	Steel, with screw and keep pin (for No. 1 cap only) ...	...	...	...	...	...	1	1	1
Gland ...	Steel, with bolt, nut and keep pin ...	...	...	...	...	1	...	...	...
Gun ...	G.M., with fixing screws ...	...	...	...	...	...	1	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.						
		B.L.		Q.F.		Q.F. 18-pr.		
		60-pr.	4.5-in.	4.5-in.	4.5-in.	4.5-in.	4.5-in.	4.5-in.
		Mark :						
		I.	III	I.	I*	I**	II	
radle—contd.								
Studs—								
Adjusting oscillating sight—								
Eccentric ...	Steel, with nut and keep pin ...	1	1	...	...	...	...	...
Plain ...		1	1	...	...	...	...	...
Guard, connecting spring ...		...	...	...	1	1	1	1
Securing guard		...	...	...	3	3	3	3
Sight, bracket	Steel, with nut ...	8	8	...	...	...	...	...
Steadying oscillating sight ...	Steel, with collar, nut and keep pin	1	1	...	...	...	...	...
Trunnion, supporting sight ...		...	...	...	1	1	1	1
Tank ...	M.B. body, with 2 studs supporting shield, each with nut and keep pin, 2 studs locking piston rod nut, steel valve seating with pin, tank valve, plug tank and copper washer...	...	...	...	1	...	...	...
Tube, lubricating elevating gear ...	Steel, with screw ...	...	...	...	1	1	1	1
Washers, running out spring—								
Inner ...	Steel ... pairs	...	...	...	1	...	...	...
Outer ...	Steel ... pairs	...	...	...	1	...	...	...
Excluder, dust—								
1st class axletree	Leather ring with keep plate and screws...	2	2	...	...	...	...	...
2nd class, axletree	Leather ring with keep plate and screws	...	...	(a)	a	a	a	a
Washers, axletree—								
Left ...	Steel, with bolt, collar, nut and keep pin	...	...	1	1	1	1	1
Right ...		...	...	1	1	1	1	1
Pin clamp ...	Steel, consisting of plate, 2 forked rods each with pin and keep pin, 2 plain rods, 2 coupling nuts and 4 locking nuts	1	...	...	...	...	...	...
Pin-rest ...	Steel, with leather strip ...	1	...	...	...	...	...	...
Pin-rest ...	Steel, with leather strip, tie bolts and 2 securing keys	...	1	...	...	...	...	...
Hook, engaging rope securing gun ...	Steel, with pin, connecting with collar and keep pin	...	1	...	...	...	...	...
Pin—								
Axletree—								
Centre ...	Steel, with keep pin	...	...	...	1	1	1	1
Side ...	Steel, with keep pin	...	...	...	2	2	2	2

(a) Sub-component of axletree brackets.

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
		Mark: I.		III		I.		I I* I** II	
Pins—<i>contd.</i>									
Linch, 1st class, "B," capped wheels ...	Steel	2	2	...	...	...	...	...	...
Linch, 2nd class, "C," capped wheels ...	Steel	...	...	2	2	2	2	2	2
Pointer, traversing ...	Brass, with screws ...	1	1	...	...	...	...	...	...
Saddle—									
Bar, connecting slides—									
Left, Mark II	Steel, with dust excluder with collar and rivets	1	...	...	...	...	...	...	...
Right, Mark II									
Bearings—									
Pinion shaft ...	M.B.	...	...	1	...	...	...	...	...
Pivot ...	M.B.	...	...	1	...	...	...	...	...
Body ...	Steel, including 2 trunnion bearings and 2 shoes	...	...	1	...	...	...	...	...
Brackets—									
Actuating nut, trav- ersing ...	G.M., with cap and fixing screws with keep pins	...	...	1	...	...	...	...	...
Worm spindle ...	Steel, brass bushed with lubricating screw	...	...	1	...	...	...	...	...
Worm wheel, Mark II	M.B., with cover, nut compressing disc springs, 2 keep pins, lubricating cup and screws and fixing bolts	...	...	1	...	...	...	...	...
Capsquares—									
Left ...	Steel, with M.B. liners and lubricating screw	...	...	1	...	...	...	...	...
Right ...	Steel, with M.B. liners and lubricating screw	...	...	1	...	...	...	...	...
Clip, lubricating pipe ...	Brass, with 2 screws and keep pin ...	...	...	2	...	...	...	...	...
Lubricator, Stauffer, No. 3 ...	... ..	...	...	2	...	...	...	...	...
Pins—									
Capsquare ...	Steel, with spring and fixing screw ...	...	...	4	...	...	...	...	...
Pipe, lubricating pinion shaft ...	Copper, with connections	...	...	2	...	...	...	...	...
Pivot ...	Steel, with nut, keep pin and lubricating screw	...	...	1	...	...	...	...	...
Plates—									
Inscription ...	Brass, with screws	...	...	1	...	...	...	...	...
Slides—									
Front ...	M.B., with screws and oil hole cover with screws	1	...	...	...	...	...	...	...
Rear ...	M.B., with screws, 2 traversing stops, and oil hole cover with screws	1	...	...	...	...	...	...	...
Stops, elevation—									
Left ...	Steel, with fixing screws	1	...	...	...	...	...	...	...
Right ...	Steel, with fixing screws	1	...	...	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.								
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.				
		Mark :		I.	III	I.	I.	I*	I**	II
Saddle—contd.— Transom, front ...		Steel (also pivot bearing), with fixing screws ...	1	...	...	...	...	...	...	...
Sights— Left, Mark II ... Right, Mark II ... Field ...		Steel, with supporting bracket and G.M. clip (in 2 parts) with bolts ... Steel (upper portion hinged), with 2 handles, 2 locking brackets, 2 sliding bolts, hood with 2 stops, 2 leather pads, shutter with catch, 2 stays, bracket field clinometer case, and bracket dial sight case ...	...	...	...	1	1	1	1	1
Field, Mark II ...		Steel (upper and lower portion hinged), with wood slats, door with hasp and door frame with turnbuckle, 2 brackets aiming posts, bracket supporting field clinometer, 2 plates carrying fuze indicator, 2 wood blocks steadying fuze indicator, each with strap, plate angle carrying spare part case, plate housing shovel with leather loop, bracket dial sight case or box, strap staples, 8 securing bolts with leather washers and spring washers and advance loop with 2 joint bolts with locking wires, catch with staple, latch bracket and shutter with lever ... Steel (upper and lower portion hinged) with wood slats, door with hasp and door frame with turnbuckle, sliding door for dial sight port, with 2 studs and clamping screws with wing nut, 2 brackets aiming posts, bracket supporting field clinometer, 2 plates carrying fuze indicator, 2 wood blocks steadying fuze indicator each with strap, plate angle carrying spare part case, plate housing shovel with leather loop, bracket dial sight case or box, strap staples, 8 securing bolts with leather washers and spring washers and advance loop with 2 joint bolts with locking wires, catch with staple, latch bracket and shutter with lever...	...	...	1	...	...	...	...	...
Wires, tensile— Left ... Right ...		Steel ... Steel ...	...	...	...	1	1	1	1	1

TABLE NO. 7.— COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		Mark:	B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
			I.	III.	I.	I.	I*	I**	II
Trail—									
Bands—									
Brake, Mark II ...	Steel (in 2 parts), with 6 coupling bolts and 2 screws connecting tensile stays, each with keep pin ...						1	1	1
Locking ...	Steel ...						1	1	1
Bearing, traversing screw pivot ...	G.M., with fixing bolts ...			1					
Block, striking ...	Wood, with bolts ...		1						
Block, housing, No. 9 lubricating can—									
“A” ...	Wood, with leather cover ...		1	1	1	1	1	1	1
Boards, foot, chequered	Wood (set of 3) with fixing bolts set {		1						
Body—									
Band, joint trail lid ...	Steel (in 4 parts) ...				1				
Bearings—									
Axle-tree—									
Inner—									
Left ...	Steel ...				1				
Right ...	Steel ...				1				
Outer—									
Left ...	Steel ...				1				
Right ...	Steel ...				1				
Blade, spade ...	Steel, with 2 locking plates ...		1						
Bolt, tie, strengthening	Steel, with nuts and distance tube in 2 parts, with coupling and lock nuts ...				1				
Brackets—									
Brake arm lower—									
Left ...	Steel ...				1				
Right ...	Steel ...				1				
Fixing sight carrier case—									
Front ...	Steel, with buckling piece ...	{			1				
Rear ...									
Sides—									
Left ...	Steel ...	{			1				
Right ...						1			
Stiffening—									
Left ...	Steel, T-shaped ...	{			1				
Right ...									
Supporting—									
Tool case—									
Left ...	Steel, with wood strips ...	{			1				
Right ...									

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
		Mark :		I.	III	I.	I.	I*	I** II
rail— <i>contd.</i> —									
Body— <i>contd.</i> —									
Eye, trail—									
No. 34	Steel	1	...	...	...	...	...	...	...
Plates—									
Connecting front ...	Steel, with bearing ...	1	...	...	...	...	...	...	...
Cover—									
Front	Steel	1	...	...	...	...	...	...	...
Rear—									
Bottom	Steel	1	...	...	...	...	...	...	...
Top	Steel	1	...	...	...	...	...	...	...
Housing spade or shovel—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Locking	Steel	2	...	...	...	...	...	...	...
Stay end—									
Inner	Steel	2	...	...	...	...	...	...	...
Outer	Steel	2	...	...	...	...	...	...	...
Stop, spade or shovel	Steel	2	...	...	...	...	...	...	...
Strengthening, corrugated—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Supporting, pivot bearing bracket, traversing gear	Steel	1	...	...	...	...	...	...	...
Under, traversing lever bracket ...	Steel	1	...	...	...	...	...	...	...
Sides—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Stays—									
Angle side—									
Front—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Rear—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Longitudinal—									
Left	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...
Right	Steel	1	...	...	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.													
		B.L. 60- pr.	Q.F. 4-5- in.	Q.F. 18-pr.											
				I.	III	I.	I.	I*	I**	II					
Mark :		I.	III	I.	I.	I*	I**	II							
Trail—contd.—															
Body—contd.—															
Stays—contd.															
Spade blade—															
Centre ...	}	Steel ...	...	...	...	...	1	...	...	...	...	...	...	...	...
Left ...		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Right ...	}	Steel ...	...	...	...	...	1	...	...	...	...	...	...	...	...
Supporting saddle...		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Transoms—															
Front ...	...	Steel ...	...	...	...	...	...	...	1	...	...	...	...	...	...
Intermediate—		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Front ...	}	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Rear ...		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Rear ...	}	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Bolt, tie strap bracket		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Brackets—															
Actuating rod brake gear—															
Left ...	}	Steel, with M.B. bush with grub screw					...	1	...	...	...	...	...	...	
Right ...		oil screw and fixing bolts	...	...	...	...	...	1	...	...	...	...	...	...	...
Aiming post ...	...	Steel ...	...	...	...	...	...	1	1	...	...	...	...	...	...
Axletree—															
Left ...	...	M.B., with securing screw	...	...	...	...	...	1	...	...	...	...	...	...	...
Right ...	...	Steel, with fixing screws	...	...	...	...	...	1	...	...	...	...	...	...	...
Gun clamp—		M.B., with securing screw	...	...	...	...	...	1	...	...	...	...	...	...	...
Left ...	}	Steel, with pin and keep-pin and fixing	...	...	...	...	...	1	...	...	...	...	...	...	...
Right ...		screws	...	...	...	...	...	1	...	...	...	...	...	...	...
Gun rest—		Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Left ...	...	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Right ...	...	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Handspike—															
Left ...	...	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Right ...	...	Steel ...	...	...	...	...	...	1	...	...	...	...	...	...	...
Hinge, traversing lever,															
Mark II	...	Steel, with 7 fixing bolts	...	...	...	...	...	...	1	...	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.									
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.					
		Mark :		I.	III	I.	I.	I*	I**	II	
all—contd.											
brackets—contd.											
Housing correction rule—											
Front	Steel							1			
Rear	Steel							1			
Housing—											
Pickaxe	Steel, plate with spring clip and wood block								1	1	1
Lifting jack	Steel						2	2			
Limbering connector—											
Left	Steel, with 3 locking studs each with grub screw							1			
Right	Steel							1			
Loop, drag-rope hook—											
Left	Steel							1			
Right	Steel							1			
Pivot bearing traversing gear, Mark II.	Steel, with rivets								1		
Retaining shield pawl	Steel, with screwed loop									1	1
Securing gun-rest—											
Left	Steel							1			
Right	Steel							1			
Stop, elevating and traversing	Steel							1			
Stud, shield pawl	Steel, with collar, nut and keep-pin									1	1
Supporting—											
Draught link {	Steel							1			
Steel	Steel							1			
Rear step	M.B., with hinge-pin with keep-pin							1	1		
Front step—											
Left	Steel, with key and chain, with “S” hook, screwed eye and fixing bolts							1			
Right	hook, screwed eye and fixing bolts							1			
Traversing, pivot bearing	Steel							1			
Wheel spanner	Steel							1	1		
hains—											
Key, trail box lid	Steel, with “S” hook and leather thong								1		
Roller scotch inner, Mark II	Iron, with hook and loop						1	1			
Lamp, carriage body	Consisting of band (in 2 parts) with bolts, jamming plate, octagonal nut, keep-pin, 2 collars (1 large and 1 small), and lever with stop pin and chain									1	1

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.																	
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.													
		Mark :		I.	III	I.	I.	I*	II										
Trail—contd.																			
Clips—																			
Carriage body—																			
Left ...		}	M.B., with oil screws, chain and eye and	fixing screw	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Right ...								...	1	...	...	...	...	...	...	...	...	...	...
Securing—																			
Lever housing saddle																			
stop ...		...	Steel, spring	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...
Spade or shovel		...	Steel	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Traversing lever		...	Steel, frame with plunger retaining	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
			screws, spiral springs, lubricating screws	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			and leather pad with rivets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			Steel, spring with fixing screws, collar and	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			pad	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...
Connector, limbering		...	Steel body, with eye	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Crosshead		...	Steel	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Eye, screwed wire rope		...	Steel, with feather and nut	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
Frame, angle supporting																			
draught link		...	Steel, with bracket and bolts	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Flange, securing shield		...	Steel	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...
Guides, rear carriage clip																			
Left		...	G.M., with screws	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Right		...	G.M., with screws	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Guides, saddle shoe—																			
Left		...	M.B., with steel bush	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Right		...	M.B., with steel bush	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Handles—																			
Lifting		...	Steel	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Long—																			
Left		...	Steel	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Right		...	Steel	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Short—																			
Left		...	Steel	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Right		...	Steel	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Hooks—																			
Carrying saddle bolt																			
nut		...	Steel, with bolt	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
Stay rear step		...	Steel, with loop	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
Keys—																			
Housing step		...	Steel, with brass chain and loop	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...
Trail, box lid		...	Steel	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Lever, traversing		...	Steel and wood, with leather cap, pawl,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			stud pawl with nut and keep pin, hinge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			bolt with nut and keep pin, plunger	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			with bush, spiral spring and retaining	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
			screw	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.								
		B.L. 60- pr.		Q.F. 4-5- in.		Q.F. 18-pr.				
		I.	III	I.	I.	I*	I**	II		
Mark :		I.	III	I.	I.	I*	I**	II		
ail—contd.										
Lever, traversing—contd.										
Mark II	...	...	Steel, with leather cap, pawl stud, pawl with nut and keep pin, hinge bolt with nut and keep pin and plunger with bush and spiral spring	...	...	...	1	1	1	1
Lid trail box	...	...	Steel, with hinge and hasp	...	...	1	...	...	...	...
Link, draught	...	...	Steel, with cap and bolts, connecting pin with chain and loop and key connect- ing pin with chain and loop	...	...	1	1	...	...	...
Pawl, shield	...	...	Steel, with lever for releasing	...	...	...	...	1	1	1
Pins—										
Limbering connector—										
Large	...	}	Steel, with chain and "S" hook	...	1	...	...	...	...	...
Small	...			...	1	...	...	...	...	...
Locking shield pawl	...	...	Steel, spring split, with brass chain and "S" hook	...	...	...	1	1	1	1
Plates—										
Connecting actuating rod brackets	...	Steel	...	...	...	...	1	...	...	...
Fixing actuating rod brackets—										
Lower—										
Left	...	Steel	...	...	...	...	1	...	...	...
Right	...	Steel	...	...	...	...	1	...	...	...
Upper—										
Left	...	Steel	...	...	...	...	1	...	...	...
Right	...	Steel	...	...	...	...	1	...	...	...
Packing—										
Brake arm—										
Left	...	Steel	...	...	...	...	1	...	...	...
Right	...	Steel	...	...	...	...	1	...	...	...
Gun rest bracket	...	Steel	...	...	...	...	2	...	...	...
Rear clip guide—										
Left	...	Steel	...	...	...	...	1	...	...	...
Right	...	Steel	...	...	...	...	1	...	...	...
Saddle pump—	Mark I	...	Steel (cast) with locating peg, 2 studs engaging clamp, and 4 fixing bolts	...	} Altern- ative.	...	...	...	1	1
	Mark IA	...	Steel (forged) with locating peg, 2 studs engaging clamp and 4 fixing bolts	...		...	...	...	1	1
Shackles, connecting scotch roller										
Slide, traversing bracket	...	Steel	...	...	...	1	1	...	...	...
	...	Steel	...	...	...	...	...	1	1	1

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		Mark:	B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.		
			I.	III	I.	I.	I*	I**	II
Trail—<i>contd.</i>—									
Sockets—									
Hammer ...	{ Steel	1							
McMahon, spanner ...	{ Steel	1							
Shield stays—									
Left ...	{ Steel	1							
Right ...	{ Steel	1							
Spanner ...	{ Steel	1							
Spade, Mark II...	{ Steel, serrated blade, with No. 37 trail eye combined, strengthening plate and angles and lifting handles ...	1							
	{ Steel, with No. 36 trail eye, combined, traversing lever bracket, lifting handles and cover with screws ...					1	1	1	
Spring, shield pawl ...	Steel					1	1	1	
Staples, lashing special, ½-inch, 2½-centres ...	Steel set	1	1						
Steps—									
Front ...	Steel, with stop screw ...	2	2						
Rear ...	Wood, with hook plates, strengthening plate and M.B. carrier ...	1	1						
Stops—									
Housing saddle—									
Left ...	{ Consisting of pawl, pivot and lever	1							
Right ...	{	1							
Saddle, front—									
Left ...	{ Steel, with bolts and keep pin ...	1							
Right ...	{	1							
Traversing ...	Steel	2							
Strips, bearing saddle ...	G.M.					2			
Stud, hasp, trail, box lid	Steel					1			
Tube ...	Steel						1	1	1
Wheels—									
1st Class, "B," No. 12...	5-feet diameter, 6-inch tire, M.B. nave, 12-inch pipe with dust cap, 2 keep pins and drag washer ...	2	2						
2nd Class, "C," No. 45, Mark III ...	4-feet 8-inch diameter, 3-inch tire, steel nave, 11-inch pipe, double spoke, with dust cap and keep pin, locking plate, drag washer and screw with washer for oil hole ...					2	2	2	2

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.									
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.					
		Mark :		I.	III	I.	I.	I*	I**	II	
Gear, brake— Arms, brake											
Left ...	Steel, with shoe and keep pin, G.M. joint bearings and actuating nut bracket with bolts...		1								
Mark II ...	Steel, with P.B. bushes, shoe with keep pin and lug coupling rod ...			1							
Mark II ...	Steel, with shoe and keep pin, G.M. joint bearings and actuating rod, bracket with bolts ...	1									
Mark II ...	Steel, with connecting bolt and shoe with keep pin ...					1	1	1	1	1	
Right ...	Steel, with shoe and keep pin, G.M. joint bearings and actuating nut, bracket with bolts...		1								
Mark II ...	Steel, with P.B. bushes, shoe with keep pin and lug coupling rod ...			1							
Mark II ...	Steel, with shoe and keep pin, G.M. joint bearings and actuating rod bracket with bolts...	1									
Mark II ...	Steel, with connecting bolt and shoe with keep pin ...					1	1	1	1	1	
Bearings, lever connecting rod ...	Steel ...					2					
Blocks, brake, field and transport ...	C.I. ...					2	2	2	2	2	
Blocks, brake, 6-inch tire, No. 1 ...	...	2	2								
Brackets—											
Lever axis pin—											
Left ...	Steel, with fixing screws ...	{			1						
Right ...					1						
Supporting, brake arm											
Left ...	M.B., with bolts ...	1									
Right ...	M.B., with screws and rivet ...		1								
Supporting stay—	M.B., with bolts ...	1									
Left ...	M.B., with screws and rivet ...		1								
Right ...											
Eccentrics ...	M.B. ...				1						
Fork, actuating screw ...	M.B. ...					1	1	1	1	1	
Handles, actuating screw	Steel, with connecting bolt, nut, and keep pin ...						1	1	1	1	
Front ...	Steel ...						1	1	1	1	
Rear ...	Steel ...						1	1	1	1	

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
		Mark:		I.	III	I.	I.	I*	I**
Gear, brake—<i>contd.</i>									
Levers—									
Actuating nut	... Steel, forked...	...	...	1	...	...	...	...	...
Connecting rod—									
Left	... Steel ...	...	...	1	...	...	...	...	...
Right	... Steel ...	...	...	1	...	...	...	...	...
Crank—									
Left	... Steel, with tumbler	...	...	...	...	1	1	1	1
Right	... Steel, with tumbler	...	...	...	...	1	1	1	1
Releasing	... Steel, with axis bolt, nut and keep pin	{	...	...	1	...	1	1	1
Rod, connecting, eccentric link	... Steel ...	...	...	1	...	...	...	...	...
Links, eccentric	Steel, with connecting bolt, nut and keep pin and adjusting screw with nut and keep pin and lubricating screw	...	...	1	...	...	...	...	...
	Steel, with connecting bolt, nut and keep pin and adjusting screw with nut and keep pin	...	...	...	1	1	1	1	1
		...	...	...	...	...	...	...	...
Nuts, actuating—									
Rod	... M.B., with stop (in 2 parts) with 12 disc springs, No. 53, keep pins, oil screw, nut, washer and keep pin	2	2	...	...	...	...	...	...
Screw	... M.B. (in halves), with cover plate and screws and 2 covers each with keep pin M.B., with securing nut	...	...	1	...	...	1	1	1
Pins—									
Axis levers	... Steel, with collar, nut and keep pin and lubricating screw	...	...	2	...	...	...	...	...
Connecting arm	...	2	2	...	...	...	...	...	...
Connecting brake arm	... Steel, with washer, nut and keep pin	2	2	...	...	...	...	...	...
Rods, actuating									
Right	... Steel, with collar, nut and keep pin	2	2	...	...	...	...	...	...
	Steel, with collar, nut and keep pin, and connecting bolt with collar nut and keep pin	...	...	1	...	...	...	...	...
Rods, connecting—									
Cranked levers	... Steel, with 10 disc springs, No. 62, nut and keep pin and bolt connecting with nut and keep pin	...	...	...	1	1	1	1	1
Eccentric link	... Steel, with connecting bolt, nut and keep pin	...	...	1	...	...	...	...	...
Levers	... Steel, with 10 disc springs, No. 62, nut and keep pin and connecting, bolt with collar, nut and keep pin	...	...	1	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.						
		B.L. 60- pr.	Q.F. 4·5- in.	Q.F. 18-pr.				Mark:
				I.	I*	I**	II	
ar, brake— <i>contd.</i>								
crews, actuating	Steel		1					
	Steel, with cross handle, stop nut, hand- wheel retaining nut and M.B. securing nut and keep pins			1	1	1	1	
tays, supporting brake arm—								
Left	Steel, with bush, grub screw and fixing bolts		1					
Mark II	Steel, with hinge screw and keep pin	1						
Right	Steel, with bush, grub screw and fixing bolts		1					
Mark II	Steel, with hinge screw and keep pin	1						
heels, hand	Calaminium, with handle	2	2					
r, clamping cradle—								
earing, clamp—								
Left	M.B., with bolt, and lubricating screw {		1					
Right			1					
lamp	Steel, with pawl, spring and pawl axis pin		1					
atches—								
Left	Steel			1	1	1	1	
Right	Steel			1	1	1	1	
indle, clutch	Steel, with nut and keep pin			1	1	1	1	
ube, distance	Steel			1	1	1	1	
r, elevating—								
es	Steel, with set screws	1	1					
Left	Steel		1					
Right	Steel		1					
nd, carrying protect- ing cap	M.B.			1	1	1	1	
earings—								
Nut	M.B.			2	2	2	2	
Roller race	Steel, with fixing screws	1	1					
ook, driving worm	Steel	1	1					
p, protecting, elevat- ing screw	Steel, with keep pin			1	1	1	1	
llar, thrust worm								
spindle	Steel		1					
it, elevating screw	Steel, with bevel wheel			2	2	2	2	
nions—								
Aro	Steel, spur 13-teeth, with screwed collar pairs		1					
Handwheel—								
Lower	Steel, bevel, with spindle, collar nut and keep pin			1	1	1	1	
Upper				1	1	1	1	
Mark II	Steel, with spindle, collar, nuts and keep pin	1	1					

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.																
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.												
		Mark:		I.	III	I.	I.	I*	I**									
Gear, elevating—<i>contd.</i>																		
Rod, connecting, elevating screw ...	Steel, with axis pin and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rollers, locking worm ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Screws—																		
Elevating, No. 38 ...	Steel (also range) with upper stop and lower stop with securing screw, cover collar, nuts and keep pins ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Securing arc—																		
Long ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Short ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shafts—																		
Arc pinion ...	Steel, with nut and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spindles, worm ...	Steel, with collar nut and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Steel, with collars, nuts and keep pins ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Springs—																		
Disc, No. 72 ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spiral ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheels—																		
Hand ...	Calaminium, with handle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lower ...	M.B., with handle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Upper ...	M.B., with handle (also range) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8-inch, No. 3A ...	G.M., with handle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worm ...	G.M., 27-teeth ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	M.B. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worms ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gear, firing—																		
Arm, connecting	Steel, with collar and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Levers—																		
Spring ...	Steel, with spring stud, collar and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Piece, extending, connecting rod ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pins—																		
Fulcrum ...	Steel, with collar and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rod, connecting	Steel, with handle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spring—																		
Mark I ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mark II ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gear, locking cradle—																		
Brackets—																		
Guide, hand lever	G.M., with cover and screws ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plunger—																		
Left ...	Steel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Right ...	Steel, with joint pin and keep pin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Carriages, Field.							
		B.L. 60- pr.		Q.F. 4·5- in.		Q.F. 18-pr.			
		I.	III	I.	I.	I*	I**	II	
Mark:		I.	III	I.	I.	I*	I**	II	
Gear, locking, cradle— <i>contd.</i>									
Lever—									
Cranked—									
Left	Steel, with joint pin with collar, and keep pin			1					
Right	Steel, with spindle, nut and keep pin, roller and joint pin with collar and keep pin			1					
Hand	Steel (for releasing cradle)			1					
Link, connecting	Steel			2					
Plunger	Steel, with coupling nut with keep pin and joint pin with keep pin			2					
Spring, plunger	Steel, spiral			2					
Gear, range—									
Arcs—									
Mark II	Steel, with connecting bracket				1	1	1	1	
Bush, eccentric	M.B. (for indicator pinion)				1	1	1	1	
Catch, locking	Consisting of G.M. bracket, with steel securing bolt, locking bolt, sleeve locking and spring				1	1	1	1	
Indicator—									
Mark III... ..	Consisting of spring case with 2 woodite washers, clock type spring, spring barrel, jamming plate, yard scale ring, degree scale ring, pointer degree scale with 2 screws, M.V. scale plate, plate carrying M.V. scale, 2 readers (1 for yard scale and 1 for M.V. scale), and carrier M.V. scale pointer and reader				1	1	1	1	
Pinion—									
Indicator	Steel, spur, with spindle, castellated nut and keep pin				1	1	1	1	
Plate, hand wheel catch	Steel, with 4 brass securing screws				1	1	1	1	
Gear, traversing—									
Bearings—									
Pivot	G.M., with nut and keep-pin			1					
Bracket, degree scale	Steel, with scale (in halves) and fixing screws			1					
Cap, crosshead	Bronze				1	1	1	1	
Crosshead	Steel cylinder with steel cup, M.B. bearing, with securing screw, collar, nut and keep-pin, check nut, packing piece and oil screw					1	1	1	1
Link-nut	M.B.					1	1	1	1
Nuts—									
Actuating screw	G.M., with steel trunnion rings			1					
Traversing screw	M.B., with collar, washer and cap with keep-pin	1							

TABLE NO. 7.—COMPONENT PARTS OF FIELD CARRIAGES—*contd.*

Designation.	Detail.	Mark:	Carriages, Field.					
			B.L. 60- pr.	Q.F. 4-5- in.	Q.F. 18-pr.			
			I, III	I.	I.	I*	I**	II
Gear, traversing—<i>contd.</i>								
Pins—								
Connecting, link-nut	Steel, with keep-pin	...	...	...	1	1	1	1
Joint, traversing screw	Steel, with lubricator	...	1	1	...	...	...	...
Pivot, traversing screw nut	Steel, with collar, nut, keep-pin and lubricator	...	1	...	...	...	...	...
Pointer	Steel, with screws	...	...	1	...	...	...	...
	N.A., with screws	...	...	...	1	1	1	1
Screws—								
Actuating	Steel, with collar, nut and keep-pin	...	...	...	1	1	1	1
Traversing	Steel, with stop screw, nut and keep-pin, and cover with keep-pin	...	...	1	...	...	...	...
	Steel ...	...	1	1	...	...	...	...
Strip, degree scale	M.B., with screws	...	...	...	1	1	1	1
Wheels—								
Hand	Calimanium	...	1	1	...	...	...	...
Hand—	M.B., with handle	...	...	...	1	1	1	1
8-inch, No. 3	G.M.	...	...	1	...	...	...	...
Stores, attached to and Cases—	included as part of Carriage.							
Key, setting, fuze—								
Q.F. 13-pr., Mark I, and 18-pr., Marks I to II carriages	Leather	...	...	...	1	1	1	1
Sight, clinometer	Leather, with 2 brass securing bands	...	...	...	1	1	1	1
Clips, securing, case, memo. of examination.	Steel, with rivets	...	2	2	2	...	...	...
	Steel, with screws	...	...	...	2	2	2	2
Holder, vent, bit and rimer	Leather	...	1	1	...	...	...	...
Loop, securing traversing handwheel	Leather	...	...	...	1	1	1	1
Loop, housing saddle locking bolt	Leather	...	2	...	...	...	...	...
Pocket, breech brush	Leather	...	1	1	...	...	...	...
Straps—								
Quick release—								
1-inch × 9½-inch	Leather (for brake lever)	...	...	...	1	1	1	1
1-inch × 11-inch	Leather, with loop (for drag ropes)	...	...	1	1	1	1	1
1-inch × 11-inch	Leather (for brake lever)	...	...	1	...	...	...	...
1-inch × 28½-inch	Leather (for handwheels)	...	...	1	...	...	...	...
Shovel handle, ¾-inch × 11-inch	Leather	...	...	...	1	1	1	1
Tie, securing, ¾-inch × 7-inch	Leather (steadying rod connecting brake gear)	...	...	...	1	1	1	1

TABLE No. 8.

COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY.

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Arm, radial	Steel; consisting of 2 trunnion bearings; 2 distance stays; carrier sight bar and 2 retaining clips	1	...		
Axletree, special— No. 25	Steel; with 2 M.B. trail ball joints, each with securing pin; G.M. bush, with 3 screws and bracket, pivot, nut traversing screw with locking pin ...	...		1	
No. 191	Steel; including band brake clips and stud stop, hooks for spring; distance blocks and 2 P.B. bushes	1	...		
Brackets— Carrying gear	Steel; including 2 lubricators; sight post bracket; 2 M.B. bushes; arc pinion bearing; M.B. cover with screws and 2 lubricators; lubricating pipe and fixing screws	...		1	
Supporting shield	Steel, with fixing screws	...		1	
Cradle— Body	Steel; U section plate; including bush, supporting, spring, bracket trunnion; bracket, connecting, range gear; 2 bracket, hinge cap bolts; stud, axis, gunlayer guard and M.B. guide... ..	1	...		
	Steel; consisting of upper and lower portions with trunnion band; M.B. guide recuperator and hydraulic buffer; band, securing cap with 4 hinged bolts; bracket, guide, elevating arc; 2 brac- kets, beating face (left and right); bracket, cross stay cradle lock; guide rod, actuating, gear cut off; stop eleva- tion; stop depression; recoil indi- cator and lifting loop	...		1	
Bearings— Buffer cylinder	M.B.	1	...		
Spring case	M.B.	1	...		
Beating face— Left	P.B.	...		1	
Right	P.B.	...		1	
Bolts— Locking, elevating arc ...	Steel	...		1	
Securing, pad beating face	Steel, with nut and keep pin	...		4	
Box, stuffing	Steel	1	...		

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.	Carriage, Q.F. 3.7-inch Howitzer.
		Mark I.	
Cradle—contd.			
Buffer and recuperator—			
Body	Steel (cylinder block), including front end reservoir plug with pipe...	...	1
Box, stuffing	Steel	...	2
Buffer, hydraulic—			
Cap, locking, run out plug, Mark II...	M.B.	...	1
Gland, adjusting plug ...	M.B., with lock nut	...	1
Piston	Steel; including rod with 2 M.B. piston ring segments; recoil valve; thrust ring and 2 nuts, each with keep pin...	...	1
Plugs—			
Adjusting run out, Mark II	Steel	...	1
Air and relief valve seating, D	M.B.	...	1
Filling hole, E, Mark II	Steel	...	1
Rear cylinder, Mark II	M.B.	...	1
Ring, joint cylinder ...	Steel	...	1
Screw, fixing locking stop	Steel	...	1
Springs—			
Plunger locking adjusting plug	Steel, spiral	...	1
Relief valve	Steel	...	1
Stop, locking, rear plug and cap	Steel, with keep pin	...	1
Valve, relief	Steel, with nut	...	1
Washer, packing rear plug	Fibre	...	1
Catch, gland	Steel spindle with nut and keep pin plunger, 2 locking levers (left and right) and spiral spring...	...	1
Gland, Mark II	M.B.	...	2
Recuperator—			
Gland, stop valve	M.B., with lock nut	...	1
Nipple, adapter hole ...	Steel, with closing cap	...	1
Nut, securing howit- zer, Mark II	Steel (handled), with locking plunger and spiral spring	...	1
Plugs—			
Filling hole, A, Mark II.	Steel	...	1
Reservoir front end	Steel, with pipe	...	1
Rod, piston	Steel; with M.B. piston; spindle with piston packing; ring supporting pack- ing; 2 rubber rings, U-section; 2 supporting rings; retaining collar; spring; nut securing packing; collar and front nut	...	1

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.	Carriage, Q.F. 3.7-inch Howitzer.
		Mark I.	
Cradle—<i>contd.</i>			
Buffer and Recuperator—<i>contd.</i>			
Recuperator—<i>contd.</i>			
Spring, retarding valve	Steel	...	1
Valves—			
Retarding	M.B.	...	1
Stop	Steel	...	1
Washers, packing—			
Adapter, nipple	Fibre	...	1
Air plug	Fibre	...	1
Rings—			
Compressed packing—			
No. 3	Turner's	...	2
No. 3, supplementary	Turner's	...	(a)
No. 17	Asbestos	...	2
Gland	M.B.	...	2
Neck, L-packing	M.B.	...	2
Neck, stop valve and adjusting plug	M.B.	...	4
Packing stuffing box, L- section... ..	Rubber	...	2
Washers, packing—			
Filling plug	Fibre	...	2
Neck ring	Fibre	...	2
Cap	Steel	1	...
	Steel, with M.B. bush, with fixing screws, lubricator plate and lubricator... ..	...	1
Case, spring	Steel, with M.B. guide ; collar with taper pin and keep pin	...	...
Connection, control rod	Steel, with taper pin	1	...
Cylinder, hydraulic buffer	Steel, with nut and keep pin	1	...
Gear, cut off—			
Lever, actuating	Steel, with keep pin	...	1
Pin, lever actuating	Steel, with keep pin	...	1
Rod, actuating, Mark II... ..	Steel ; with adjusting eye with keep pin ; bearing and screwed collar with rivet... ..	...	1
Segment—			
Actuating rod	Steel	...	1
Piston rod	Steel	...	1
Gland	Steel	1	...
Guard, gunlayer—			
Brackets—			
Firing lever, Mark II	Steel, with axis pin and keep pin, spring hook, hinge pin, locking catch, catch spring and 2 stops	...	1

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TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Cradle—<i>contd.</i>					
Guard, gunlayer—<i>contd.</i>					
Brackets—<i>contd.</i>					
Palm	Steel; with hinge pin; locking catch and catch spring	...	...	1	...
Plate, Mark II	Steel, with spring lock	...	...	1	...
Lever, firing	Steel	...	...	1	...
Spring, firing lever	Steel	...	...	1	...
Lever, locking, elevating arc	Steel	...	...	1	...
Pads—					
Beating face	Leather	...	...	2	...
Spring thrust—					
Inner	Consisting of metal bearing ring, parting plate and 14 leather washers, combined	2	...	...	...
Outer	Consisting of 7 leather washers, com- bined	1	...	...	...
Pin, fulcrum, lever, locking, elevating arc	Steel	...	...	1	...
Piston	M.B., with keep pin	1	...	...	...
Plates—					
Outer spring pads	Brass (4 inch diameter)	1	...	...	...
Instruction					
Inner spring pads	Brass with screws	...	...	1	...
Buffer (b)					
Recuperator (b)					
Parting running out springs—					
Inner	M.B.	1	...	...	...
Outer	M.B.	1	...	...	...
Retaining, lever locking, elevating arc	Steel	...	...	1	...
Plug, filling hole, hydraulic buffer, No. 14	Steel	1	...	...	...
Rings—					
Bearing, inner springs—					
Front	M.B.	1	...	...	...
Compressed packing—					
No. 2	Dick's	1	...	...	...
No. 2, supplementary	Dick's	(a)	...	...	...
Supporting packing	M.B.	2	...	...	...
Rods—					
Control, Mark II	Steel, with bronze head and steel end stud	1	...	...	...
Piston	Steel, with nut and keep pin	1	...	...	...

(a) As may be necessary, consequent of wear of compressed packing ring.

(b) Not for future manufacture

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Cradle—<i>contd.</i>					
Springs, running out—					
Inner	Steel, spiral	2	...		
Outer	Steel, spiral	2	...		
Stud, retaining stuffing box...	Steel, with keep pin and spiral spring ...	1	...		
Thong, securing, lever lock- ing, elevating, arc	Leather	...		1	
Washer, packing, hydraulic buffer	(One lead and two copper to a set)... sets	1	...		
Crossbar, trail...	Steel, with bronze ball joints (2 outer and 1 centre) each in halves with set screw	...		1	
Drawbeam	Steel, channel plate, with 2 spigots and G.M. socket with 3 spring, cotter, pins, each with chain and "S" hooks	...		1	
Guard, protecting gunlayer ...	Steel; plate with clip, mule saddle; stud and stop; bar with stop pin and stop plate for lever, securing lever and stud securing lever	1	...		
Pillar, dial sight	Steel, with M.B. clamp	1	...		
Pins, linch	Steel; with spring; hinge pin for spring and chains with rings, swivel and securing eye	2	...		
Pivot—					
Body	Steel, with 2 studs	...		1	
Capsquares—					
Left	Steel	...		1	
Right	Steel	...		1	
Pins—					
Hinge capsquare	Steel, with collar and keep pin	...		2	
Locking capsquare—					
Left	Steel, with chain and "S" hooks	{	...	1	
Right			...	1	
Plate, inscription—	Brass, with screws	1	...		
Seats—					
Left	Wood; with steel supporting bracket; bottom plate; catch and clip mule saddle and studs	1	...		
Right	Wood; with steel supporting bracket; bottom plate and clip mule saddle and stud	1	...		
Shafts—	Steel; consisting of 2 folding tubes (near and off) each in 2 sections; connecting stay; M.B. connecting socket; steel pivot with nut and keep pin; 3 hinge pins each with collar and keep pin and 4 spring joint pins each with chain and rings	...		1	

TABLE No. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Shafts—<i>contd.</i>					
No. 103, near ...	Steel, folding with G.M. sleeve ...	1	1	...	...
No. 104, off ...					
Shield—	Steel (4 sections hinged); including 2 clips retaining bearer; 4 eye plates; 2 stays and 2 quick release straps, and sliding door for dial sight port with 2 studs and clamping screw with wing nut ...	1	...		
	Steel; in 2 portions (left and right) each with side plate with stop; 3 locking levers (centre, left and right); 3 axis pins for locking levers; 2 plates locating stays (left and right); 4 plates engaging stays (2 upper and 2 lower); catch and stop, for centre locking lever; 2 quadrant guides for left and right locking levers; plate packing centre top; 2 clips supporting bracket and shutter, with frame and shutter catch with thong ...	...	1		
Slipper—					
Gun ...	Steel; with lubricators; connecting key and keep screw ...	1	...		
Howitzer ...	Steel; with 2 M.B. liners with screws; connecting bolt with leather thong; securing stud and 6 lubricators ...	...	1		
Sockets, lever, axletree—					
Left ...	Steel ...	1	...		
Right ...	Steel ...	1	...		
Stays—					
Axletree ...	Steel; consisting of rod with pin; hinge rear link with nut and keep pin; handle, locking with plunger; spiral spring and taper pin; link, rear with locking pin with collar and keep pin and front link with hinge pin with collar and keep pin ...	1	...		
Shield—					
Left ...	Steel ...	...	1		
Right ...	Steel ...	...	1		
Strap, axletree...	Leather, in 2 parts (for housing axletree stay when on packsaddle) ...	1	...		

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Top, carriage—					
Body	Steel; consisting of double bearing; with P.B. facing strips; 2 side plates each with bearing, bottom plate and traversing bracket with 2 coupling bolts	1	...		
Capsquares—					
Left	} Steel; with M.B. liner; steel stop for liner; spring and key	1	...		
Right		1	...		
Clips—					
Left	} P.B. with screws	1	...		
Right		1	...		
Pins, joint capsquare	Steel; with collar and keep pin	2	...		
Trail—					
Body	Steel; in 2 portions (front and rear jointed) including transoms; bottom plates; plate pivoting top carriage; plate stop elevating; plate stiffening trail, front portion; 2 plates, trail joint (front and rear); 2 axletree bearings; 2 flanged traversing screw bearings; 2 bearings sliding blocks; bracket axle- tree stay; 2 brackets, joint bottom (front and rear); 2 brackets, shield stay, spade blade with supporting plates, and bracket carrying junction nut wrench..	1	...		
Bearings, pawl, spindle—					
Left... ..	M.B.	1	...		
Right	M.B.	1	...		
Brackets, shaft—					
Front portion—					
Left	} Steel; with pin; plug; plunger and spiral spring	1	...		
Right		1	...		
Rear portion—					
Left	} Steel; with pin; plug; plunger and spiral spring	1	...		
Right		1	...		
Capsquares —					
Left	Steel	...	1		
Right	Steel	...	1		
Clips, axletree—					
Left	Steel	1	...		
Right	Steel	1	...		
Eyes, connecting seats—					
Front	Steel	1	...		
Rear	Steel	1	...		

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TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—contd.

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Trail—contd.					
Handles, lifting—					
Left	Steel	1	...	1	...
Right	Steel	1	...	1	...
Hooks—					
Connecting seats—					
Front	Steel	1	...	1	...
Rear	Steel	1	...	1	...
Shield—					
Left	Steel	1	...	1	...
Right	Steel	1	...	1	...
Keys—					
Axletree clips—					
Left	Steel, with clutch and keep pin and plunger with spiral spring and head with keep pin	1	...	1	...
Right		1	...	1	...
Securing shield	Steel, spring split with chain and "S" hooks	2	...	2	...
Legs—					
Front part—					
Left	Steel; box section; with axletree bracket; joint bracket; locking plate; socket cross stay, cradle lock and (bracket carrying junction nut wrench on right leg only)	...	1	...	1
Right		...	1	...	1
Rear part—					
Left	Steel; box section; including joint bracket; rear socket; sole plate; lifting handle; handspike and shaft socket and (pump saddle on right leg only)	...	1	...	1
Right		...	1	...	1
Levers—					
Locking spade	Steel; with handle; including spiral spring and plunger and securing nut with keep pin	...	2	...	2
Locking trail joint	Steel	1	...	1	...
Links, trail joint—					
Left	Steel	1	...	1	...
Right	Steel	1	...	1	...
Pawls—					
Securing handspike	Steel	1	...	1	...
Spade	Steel	...	2	...	2
Pins—					
Adjusting, links trail joint	Steel, with nut and keep pin	1	...	1	...
Hinge—					
Axletree clip	Steel, with collar and keep pin	2	...	2	...
Capsquare	Steel	...	2	...	2
Lever locking	Steel; with collar; nut and keep pin ...	1	...	1	...

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—contd.

Designation.	Detail.	Mark I.	
		Carriage, B.L. 2.75-inch Gun.	Carriage, Q.F. 3.7-inch Howitzer.
Trall—contd.			
Pins—contd.			
Looking—			
Capsquare—			
Left	Steel, with chain and "S" hooks...	...	1
Right	Steel, with chain and "S" hooks...	...	1
Lever, trail joint	Steel, split spring with chain and "S" hooks	1	...
Securing shield stay	Steel, split spring with chain and "S" hooks	2	...
Plate inscription	Braas, with screws	...	1
Socket, handspike	M.B.; with plunger; spiral spring and plug	1	...
Spade	Steel	...	2
Spindle, pawl, handspike	Steel; with collar; nut and keep pin and stop pin	1	...
Staples, shaft—			
Front, portion —			
Left	Steel	1	...
Right	Steel	1	...
Rear, portion—			
Left	Steel, with screw	1	...
Right	Steel, with screw	1	...
Stay, cross, cradle look—			
End piece—			
Left	Steel	...	1
Right	Steel	...	1
Joint, top	Steel	...	1
Pin, joint top	Steel, with chain and "S" hooks...	...	1
Rivets, tube stay	Steel	...	12
Tube—			
Horizontal	Steel	...	1
Inclined	Steel	...	2
Stops, key, axletree clips—			
Inside—			
Left	Steel	1	...
Right	Steel	1	...
Outside—			
Left	Steel	1	...
Right	Steel	1	...
Turnbuckle, shield	M.B.; spring box with spiral spring; handle with nut and taper pin...	1	...
Washers, drag—	Steel	2	...
Q.F., 3.7-inch howitzer,			
Mark II	Steel, with linch pin and chain	...	2
Wheels, special—			
No. 80	3-feet diameter, 2½-inch tire, steel nave...	2	...
No. 95	3-feet diameter, 2-inch tire, P.B. and steel nave	...	2

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—contd.

Designation.	Detail.	Carriage, B.L. 2.75-inch Gun.		Carriage, Q.F. 3.7-inch Howitzer.	
		Mark I.			
Gear, Brake—					
Bands, brake—	P.B., jointed with 2 spring studs	2	...		
Lever—					
Left	Steel, with taper pin	1	...		
Right	Steel, with taper pin	1	...		
Screws, adjusting	Steel	4	...		
Spindles, actuating band—					
Left	Steel	1	...		
Right	Steel	1	...		
Springs, releasing	Steel, spiral	4	...		
Gear, Elevating—					
Arc	Steel, including stop	...	1		
Blocks, sliding—					
Left	P.B., with screw lubricating hole...	1	...		
Right	P.B., with screw lubricating hole...	1	...		
Bracket, oscillating	Steel, with spindle pinion bearing and cap...	1	...		
Nut, elevating screw	Steel, with cap protecting screw and taper pin	1	...		
Pin, connecting	Steel, with collar and keep pin	1	...		
Pinion—					
Arc	Steel, including spindle with nut and keep pin	...	1		
Bevel	Steel, 16-teeth	1	...		
Ring, bearing, bevel wheel	Brass	1	...		
Screw, elevating, No. 24	Steel, in 2 parts (inner and outer), each with stop and securing screw...	1	...		
Spindles—					
Handwheel	Steel, including bevel pinion (10-teeth)	...	1		
Pinion	Steel, with collar	1	...		
Worm	Steel; with plug; lubricator; nut and and keep pin	...	1		
Wheels—					
Bevel	Steel, 29-teeth	1	...		
Worm spindle	Steel, 20-teeth	...	1		
Hand	Steel; with handle; catch; spiral spring and P.B. spring block	1	...		
Worm	M.B.	...	1		
Worm	Steel	...	1		
Gear, elevating and traversing—					
Wheels, hand, 7-inch, No. 2	G.M., with handle and keep pin...	...	2		
Gear, range—					
Crosshead	Steel (including stem and stationary rack); with range, screw stop; 2 screws guide rod; 2 strap staples; 2 brass chains with "S" hook; securing eye with "S" hook and 2 keep pins	1	...		

TABLE NO. 8.—COMPONENT PARTS OF CARRIAGES FOR PACK ARTILLERY
—*contd.*

Designation.	Detail.	Carriage, B.L. 2-75-inch Gun.	Carriage, Q.F. 3-7-inch Howitzer.
		Mark I.	
Gear, range—<i>contd.</i>			
Nut, oscillating	Steel	1	...
Pinion—			
Bevel	Steel, 16-teeth	1	...
Rack	Steel, spur double	2	...
Plates—			
Range scale	N.A., with knob	1	...
Yard scale, Mark II	N.A.	1	...
Plate—			
M.V. corrector	With yard and M.V. scale reader, securing bolt and screws	1	...
Connecting M.V. corrector... ..	With securing screws and locking wire	1	...
M.V. scale ... ..	... ..	1	...
Rack, carrying scale plate	Steel; with 4 screws, securing yard scale plate; washer and nut securing M.V. corrector	1	...
Reader	N.A., with clamping screws	1	...
Rod, guide	Steel	1	...
Screw, range	Steel (also bevel wheel combined), with stop with screw	1	...
Spindle, pinion	Steel, with nuts	1	...
Straps, leather—			
Front	(In 2 parts)	1	...
Rear	(In 2 parts)	1	...
Wheel, hand	Steel (including spindle); with handle; spiral spring and 2 catches, each with screw	1	...
Gear, traversing—			
Bearings—			
Pivot	M.B.; with tube scale; lubricator and securing screws	...	1
Traversing nut	Steel	1	...
Bracket, degree scale	G.M., with fixing screws	1	...
Nuts—			
Pivot	M.B.; with tube pointer; tube guard; lubricator and securing screws... ..	...	1
Traversing	P.B.	1	...
Reader	G.M.	1	...
Screw, traversing	Steel, with stop nut and collar	...	1
	Steel (also handwheel combined with lever); with collar; nut and taper pin	1	...

TABLE NO. 9.—COMPONENT PART OF SIGHTS.

Designation.	Detail.	Sight, Rocking Bar.
		B.L. 6-inch 26-cwt. Howitzer.
	Mark of Carriage :	I.
	Mark of Sight :	II.
Sights, rocking bar—		
Bar, rocking	Steel tubular arm, with foresight ; holder foresight, with rivets and clamping screw with keep pin ; foresight cap, with chain, 2 loops and split rings ; foresight cap clip, with fixing screws ; (a) 2 telescope bearings, each with rivets and hinge pins ; cap, catch bolt bush and catch bolt, with stirrup, nut, hinge pin and spring ; clinometer plane with rivets ; deflection pivot, with rivets, 2 spring discs, nut and keep pin ; and hindsight, with rivets	1
Bracket—		
Oscillating	G.M. body with 2 bearing caps, with securing screws, with locking wires ; and 2 No. 17 Rotherham lubricators ; worm gear cover with 4 No. 17 Rotherham lubricators and 5 securing bolts (4 short and 1 long), each with nut and keep pin ; range dial carrier ; Mark II range dial ring ; Mark II range dial clamping ring ; 6 range dial securing screws, each with nut and keep pin ; range worm spindle, with nut, washer, keep pin and No. 17 Rotherham lubricator ; Hoffman's ball bearing (No. E.W. $\frac{7}{8}$) ; range handwheel, with keep pin and handle pin with sleeve and nut ; Mark II elevating worm, Mark II elevating worm wheel ; elevating pinion in 2 parts (part (i) with spring disc, nut securing dial, 2 keep pins and lock nut ; part (ii) with adjusting nut and 3 securing screws) ; range dial reader bracket, with fixing screws and hinge pin, with washer and keep pin ; Mark II range dial reader ; range dial reader retaining plunger and spring ; cover plates ("A," "B" and "C") ; 2 end plates with fixing screws ; distance piece ; cross-levelling screw, with collar and keep pin ; right and left cross-levelling nuts and cross-levelling screw milled head, with keep pin	1

(a) The telescope bearings were originally employed in carrying a sighting telescope, the use of which, however has since been discontinued with these equipments. The bearings are now utilized to carry the "Apparatus, illuminating sights, No. 1."

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Sight, Rocking Bar
		B.L. 6-inch 26-cwt. Howitzer.
	Mark of Carriage:	I.
	Mark of Sight:	II.
Sights, rocking bar—<i>contd.</i>		
Bracket—<i>contd.</i>		
Range	Steel body, with rivet; hinge pin, with collar and keep pin; cross-level carrier supporting bracket, with fixing screws and cross-level carrier, with spirit bubble "L," 2 securing plugs, with keep pins; and 2 securing screws ...	1
Carrier, rocking bar and No. 7 dial sight	M.B. body, with split pin and 8 screw rivets; deflection pivot eccentric bush; eccentric bush securing cotter, with nut and keep pin; deflection nut traversing screw; right and left deflection drums; deflection drum securing plates, with screws; right deflection drum milled head and left deflection drum plain head, each with keep pin; deflection nut in 2 parts, part (i) steel with nut and keep pin; part (ii) steel, deflection nut spring; deflection scale plate, with securing screws; dog clamp (loose); clamping screw, with nut, collar and keep pin; and clamping screw handle	1
<i>Stores to be demanded separately.</i>		
Carrier, No. 7 dial sight, No. 15, Mark I*	Steel, with spring washer; Q.F. 3.7-inch; B.L. 6-inch 26-cwt., and 8-inch howitzer, Marks VI to VIIA, and 6-inch gun, Marks VIII and VIIIA travelling carriages	1
Clinometer, sight, Mark IV (a)	Steel and bronze	1
Screwdriver, adjusting sights—		
No. 1	Steel, wood handled; 2½-inch by ½-inch blade	1
Sight, dial, No. 7 ... ..	... ..	1
Spanners, adjusting sights—		
No. 1	Steel, double ended; ½-inch and 15/16-inch	1
No. 2	Steel, double ended; 5/16-inch and 3/8-inch	1
No. 4	Steel, double ended; 3/16-inch and 1/4-inch	1

(a) Marks I or II sight clinometers may be issued in lieu.

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Carrier, No. 7 dial sight, No. 6.
		B.L. 60-pr.
		I and II.
	Mark of Carriage :	I*
	Mark of Carrier :	
Carriers, No. 7 dial sight, No. 6—		
Arc elevating	Steel, with stop	1
Brackets—		
Deflection	M.B. body, with 5 fixing screws; stud with nut, collar and keep pin, and longitudinal level plate, with fixing screws; traversing screw, with spring washer and 2 locking screws; cross- level carrier supporting bracket, with fixing screws and longitudinal and cross-levels	1
Carrier cross-level	Brass, with spirit bubble "L" and fixing screws	1(a)
Level longitudinal ... ..	... ..	1(a)
Elevating arc	M.B. body, with 3 hinge pins, and keep pins; M.V. corrector scale plate, with fixing screws; range scale reader, range reader clamping bolt, with nut and collar; range reader hinge stud, with 2 nuts, collar and keep pin; range hand wheel, with pin and sleeve; worm and worm retaining nut, with bush	1
Sight socket	G.M. body, with deflection arc and fixing screws; dial sight catch pin, with spiral spring handle and keep pin; and bolt, with nut	1
Supporting	M.B. with hinge pin, keep pin, 2 bushes grub screw and lubricators	1
Gear, cross-levelling	Steel, casing with nut with stop; cross- levelling screw; cross-levelling screw milled head and securing nut	1
Plates—		
Carrying, elevation scale	Steel, with studs and screws	1
Elevation scale	Nickel alloy with screws	1
<i>Stores to be demanded separately.</i>		
Sights, dial, No. 7 ... ..	... ..	1

(a) Sub-components of deflection bracket. For list of components of longitudinal level, see under Q.F., 4.5-inch howitzer.

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Sight, bar.	Bracket, Oscillating, No. 7 dial sight.	
		B.L. 2.75-in.	Q.F. 3.7-in.	
	Mark of Carriage :	I.	I.	
	Mark of Sight :	I.	I.	II.
Sight, bar, carriage, B.L., 2.75-inch	Steel arm, with bracket, in- cluding 2 clinometer rests (front and rear) and 1 large and 1 small cover, dial sight pillar socket, with clamping plate, clamping screw and milled head with taper pin; key with brass securing chain, steel rings and eye; fore-sight, with acorn point; fore- sight pillar, with 2 nuts and fore-sight securing screw; and hind-sight crosshead, with traversing screw, 2 milled heads, each with taper pin and deflection nut	1	...	...
Bracket, oscillating, No. 7 dial sight, Q.F., 3.7-inch howitzer— Brackets— Elevating	Steel arc, with stop plate and keep pin; adjusting screw, with lock nut; dial sight carrier support- ing bracket, with securing screws; clamping screw, with nut collar and keep pin and clamping screw handle	...	1	1
Range gear	M.B. body with stop seg- ment, with securing screws; 3 arc retaining spring plungers; 3 arc retaining springs; arc retaining spring nut; 2 arc retaining spring bushes; copper friction disc; worm spindle, with (a) nut and keep pin; worm spindle milled head; worm spindle eccentric bush, with nut and keep			

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail. Mark of Carriage : Mark of Sight :	Sight, Bar.	Bracket, Oscillating, No 7 dial sight.	
		B.L. 2.75-in.	Q.F. 3.7-in.	
		I.	I.	
		I.	I.	II.
Brackets—<i>contd.</i> Range gear—<i>contd.</i>	pin ; eccentric bush compression spring ; eccentric bush lever ring ; eccentric bush stop ring ; worm spindle cover plate ; range worm wheel ; elevating pinion in 2 parts (part 1 with nut and keep pin ; part 2 with adjusting nut, with locking screws) ; (a) elevating pinion spring ; range dial carrier, with keep pin ; range dial ; 4 range dial securing screws, each with nut and keep pin ; range dial clamping ring ; range dial pointer, with clamping screw ; with knurled head and rivet ; dial pointer holder, with inner and outer stops and securing screws (a) spirit level tube ; (a) spirit level securing screw ; (b) left and right plug ; bubble spirit glass "A" ; (c) carrier spirit level, with fixing screws and keep pins ; inner and outer cross-levelling screws ; cross-levelling screw stop screw ; cross levelling screw pivot, with nut and keep pin and body cover plate, with 4 hexagon head securing screws, each with keep pin and 1 countersunk head securing screw	...	1	1

(a) For Mark I only.

(b) Right plug for Mark I ; right and left plugs for Mark II.

(c) For Mark II only.

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Sight, Bar.	Bracket, Oscillating, No. 7 dial sight.	
		B.L. 2·75-in.	Q.F. 3·7-in.	
	Mark of Carriage :	I.	I.	
	Mark of Sight :	I.	I.	II.
Brackets—<i>contd.</i>				
Range gear—<i>contd.</i>				
Supporting	M.B. with plug, joint and connecting pins, cross-levelling hinge pin, cross-levelling hinge screw, guide screw, 2 split pins and rivet	...	1	1
	<i>Stores to be demanded separately.</i>			
Bar, testing, bar sight, B.L., 2·75-inch	Steel	1	...	...
Carriers, No. 7 dial sight—				
No. 2, Mark II	M.C.I. with washer ; B.L., 2·75-inch ; Q.F., 13-pr. and 18-pr., Marks I to II field carriages	1	...	...
No. 5, Mark I*	Steel, with spring washer, Q.F., 3·7-inch, B.L., 6-inch 26-cwt. and 8-inch howitzer, Marks VI to VIIA and 6-inch gun, Marks VIII and VIIA travelling carriages	...	1	1
Clinometer, sight, Mark IV (a)	Steel and bronze	1	1	1
Pillar, dial sight	Steel with M.B. clamp	1	...	..
Sight, dial, No. 7 ... ..	... ..	1	1	1

(a) Mark I or II sight clinometers may be used in lieu.

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Sight, Rocking Bar.	
		Q.F., 18-pr.	
		I to II.	
		I.*	II.
Sights, rocking bar, Q.F., 18-pr., Marks I to II field carriages—			
Bars—			
Rocking	Steel, with crosshead and deflection scale plate with fixing screws; Mark II traversing screw with 2 milled heads, each with degree scale, securing plate and 3 fixing screws; keep pin for 1 milled head; deflection nut, with collar, nut and keep pin, and spiral spring with retaining nut; sight bar adjusting bush; clamping bolt, with collar, nuts and keep pin and sight clinometer bracket with rivets	1	1
Sight	Steel, tubular, with adjustable fore- sight; foresight holder, with clamping screw, cap and chain with split rings; (a) telescope holder, front with cap and clamp with spiral spring and nut; tele- scope holder, rear with cap and clamp with spiral spring and nut, notched leaf for hindsight and pivot with nut and keep pin ...	1	1
Brackets—			
Head rest	Steel	1	1
Supporting collimator ...	Steel, with fixing screws ...	1	1
Eyepiece	Rubber, with steel bracket ...	1	1
Plates—			
Base, collimator support- ing bracket	Steel, with fixing and adjusting screws	1	1
Locking collimator ...	Steel	1	1
Locking collimator sup- porting bracket ...	Steel	1	1

(a) The telescope holders originally carried a sighting telescope, the use of which, however, has since been discontinued with Field Artillery. The rear holder is now utilized to carry a bracket, with a rubber eye piece for use of the gun-layer when the collimator is employed.

TABLE NO. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Sight, Rocking Bar.	
		Q.F. 18-pr.	
		I to II.	
		I.*	II.
<i>Stores to be demanded separately.</i>			
Bar, testing rocking bar sight, Q.F., 13- and 18-pr. ...	Steel	1	1
Carrier, No. 7 dial sight, No. 2, Mark II	M.C.I. with washer; B.L., 2-75- inch, Q.F., 13-pr. and 18-pr., Marks I to II field carriages ...	1	1
Clinometer, sight, Mark IV (a)	Steel and bronze	1	1
Collimator, No. 1,	Q.F., 18-pr., Marks I to II field carriages	1	1
Sight, dial, No. 7 ... ..	... ..	1	1
Spanner, No. 267	Steel, sight rocking bar	1	1

(a) Marks I or II sight clinometers may be issued in lieu.

TABLE No. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Carrier, No. 7 dial sight, No. 1.			
		Q.F. 4.5-inch.			
		I.			
	Mark of Carriage :	I.**	II.*	III.	IV.
Carrier, No. 7 dial sight, No. 1— Brackets— Deflection	G.M., with friction roller and axis screw ; pivot bolt, with No. 76 spring disc, nut and keep pin ; (b) traversing screw in 2 parts with spring and washer ; (a) dust excluding bolt, with nut ; (a) Mark II deflection gear locking plate, with securing screws ; and (b) 2 locking screws for deflection traversing screw	1	...	...	...
	G.M., with fixing screws ; (b) traversing screw in 2 parts, with spring and washer ; (a) dust excluding bolt, with nut ; (a) Mark II deflection gear locking plate, with securing screws and (b) 2 locking screws ; for deflection traversing screw	...	1	...	...
Deflection	G.M., with 2 worm spindle bearing bushes ; 2 trunnion bushes and fixing screws ; retaining clip, with fixing screws ; 2 lubricating screws ; cam securing screw with washer ; elevation scale drum ; elevation scale arrow plate, with fixing screws ; packing plate, with securing screw and washer ; elevation scale drum arrow ring ; worm spindle in 2 parts, with nut, keep pin and No. 75 spring disc ; hand wheel ; worm, cross-level carrier adjusting bolt, with nut and keep pin ; cross-level carrier pivot screw ; (b) cross-level carrier supporting bracket, with fixing screws ; and longitudinal and cross-levels	1	...	...	...
Elevating					

TABLE No. 9.—COMPONENT PART OF SIGHTS—*contd.*

Designation.	Detail.	Carrier, No. 7 dial sight, No. 1.			
		Q.F. 4.5-inch.			
		I.			
		I.**	II.*	III.	IV.
	Mark of Carriage:				
	Mark of Carrier:				
Carrier—<i>contd.</i> Brackets—<i>contd.</i> Level, longitudinal	M.B., arc; bearing block, with fixing screw; slide bracket, with fixing screw; bubble case, with spirit bubble "L" and plug; 2 adjusting screw collars (1 thick and 1 thin); arrow collar; elevation and depression drums; adjusting screw head; arrow plate, with fixing screws; scale plate, with fixing screws; reflector, with hinge pin; reflector spring, with fixing screws; adjusting screw, with nuts and keep pins and bearing spring M.B., with pivot pin, with nut, keep pin, rivet, No. 74 spring disc and washer; 2 cross-level adjusting screw trunnion nut bearings with fixing screws; 2 trunnion screws, with keep pins; cross-level adjusting screw head; cross-level adjusting screw trunnion nut; cross-level adjusting screw; and cross-level adjusting screw spindle, with collar, nut, keep pin, No. 77 spring disc and washer M.B., with pivot pin, with nut, keep pin, rivet, No. 74 spring disc and washer; 2 cross-level adjusting screw trunnion nut bearings, with fixing screws; 2 trunnion screws, with keep pins; cross-level adjusting screw head; cross-level adjusting screw trunnion nut; cross-level	...	...	...	...
Elevating, arc	...	1(a)	1(a)	1(a)	1(a)
Elevating, arc	...	1	1	...	...

TABLE No. 10.

COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS FOR MOVABLE ARMAMENT.

Designation.	Detail.	Marks of Carriage :	Marks of Lumber :	Travel- ling.	Field.			
				B.L. 6-inch 28-cwt. Howitzer.	B.L. 60-pr. Gun.	Q.F. 18-pr. Gun.	Q.F. 4-5-in. Howitzer.	
				I.	I.	III.	I, I*, I**, & II.	I.
				I.	I.	II.*	II.	I.
Body—								
Axletree—								
1st class, "B"—								
No. 4	Steel				1			
No. 308	Steel				1	1		
2nd class, "C"—								
No. 196	Steel							1
No. 208	Steel						1	
No. 251	Steel			1				
Bar, draught	Steel, with strap and bolt				1			
Blocks—								
Coupling	Steel, with bolt and rope handles				1			
Housing—								
Spade	Wood, with copper rivets and leather strip with brass plates and screws						1	
Board, platform	Wood				1	1		
Box, ammunition	Steel						1	1
Fittings—								
Baskets, Mark II	Cane and willow ; fitted with 4 wood slats, to hold one round						24	
Brackets, lock bolt	Steel, with rivets							1
Catches—								
Limbers and wagons—								
No. 3 (near)	G.M., plate with spiral spring and plunger and lever with hinge screw {						1	
No. 4 (off)							1	
No. 7 (near)								1
No. 8 (off)								1
Spring—								
Tray	P.B.						2	
Wire net	P.B.						2	
Chains, lid	W.L. (1-lb. per yard), with steel ring and link							2
Clips, rifle, vehicle—								
No. 1	Steel				2	2	2	2
No. 2	Steel				2	2	2	2

TABLE No. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel-	Field.				
		B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.	Q.F. 4.5-in. Howitzer.	
			I.	I.	III.	I, I*, I**, & II.	I.
		I.	I.	II*.	II.	I.	I.
Body—contd.							
Box, ammunition—contd.							
Fittings—contd.							
Irons, guard—							
No. 25 (near) ...							
No. 26 (off) ...							
No. 43 (near) ...							
No. 44 (off) ...							
Lids ...	{ Steel ; fitted with felt pad canvas covered and hinged shield plate ; stop and 2 handles	...	...	...	1	...	...
...		Steel, with hinges and 2 handles	...	...	...	1	...
Locks, box, limbers and wagons, No. 6	G.M., with key and rivets	...	...	...	1	...	...
Plates—							
Inscription	G.M.	...	...	...	...	...	...
Stop—							
Net flap	Steel	...	...	...	2	...	...
Tray	Steel	...	...	...	2	...	...
Striking lock	Steel	...	...	...	1	...	...
Shelves	Steel	...	...	...	4	...	...
Sockets, guard iron	Steel, with screws	...	...	...	4	...	...
Staples—							
Hand, leather	Steel	...	...	...	3	...	...
Lashing, special	Steel	...	...	...	1	...	...
Strips—							
Brass—							
Bottom plate—							
Angle—							
Near	...	...	...	...	...	...	...
Off	...	...	...	...	...	...	...
Plain	...	...	...	...	...	...	...
Centre plate—							
Angle—							
Near	...	...	...	...	...	...	...
Off	...	...	...	...	...	...	...
Plain	...	...	...	...	...	...	...
Felt	...	...	...	...	1	...	...
Turnscrew, shell plug	Steel	...	...	...	...	...	...

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel- ling.	Field.				
			B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.	Q.F. 4.5-in. Howitzer.
				I.	III.		
	Marks of Carriage :	I.	I.	II.	I, I*, I** & II.	I.	
	Marks of Limber :	I.	I.	II*.	II.	I.	
Body—contd.							
Frame—							
Boards—							
Foot	Wood	...	...	...	1	1	
Platform—							
Front	Wood	...	...	...	1	1	
Rear	Wood	...	...	...	1	1	
Bolts—							
Countersunk, head $\frac{3}{8}$ - inch by $1\frac{1}{2}$ -inch ...	Steel, with nut	...	...	...	24	...	
Brackets—							
Guide, limber hook ...	M.B.	...	...	...	...	1	
Lifting jack—							
Near	M.B. (or steel) (a)	...	1	1	1	1	
Off	M.B. (or steel) (a)	...	1	1	1	1	
Prop, clip	Steel	...	...	...	...	1	
Cases, spring—							
Draught, hook—							
Near	Steel, with cover, securing screw with chain and keep pin, and cover plate with fixing screws ...	{	...	...	...	...	1
Off			...	...	...	...	1
Limber hook	Steel, with nut, pole nib socket and screw compressing ...	...	...	...	...	...	1
Catch, spring wire, net ...	P.B., with rivets	...	...	...	...	...	2
Chain, key split flat ...	Steel	...	...	...	...	...	1
Clip, prop, rear	Steel, spring	...	...	...	...	...	1
Flanges, axletree—							
Inside	Steel	2	2	2	2	2	2
Outside	Steel, with dust excluder and bolts...	2	...	...	...	...	...
Outside—							
Near	Steel	...	1	1	...	...	...
Off	Steel	...	1	1	...	...	...
Near	Steel, with dust excluder and bolts {	{	...	...	1	1	1
Off			...	...	1	1	1

(a) Steel for B.L. 60-pr. limber.

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel- ling.	Field.						
		B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.		Q.F. 4.5-in. Howitzer.		
			I.	I.	III.	I. I* I** & II.	I.		
								I.	II*.	II.	I.
	Marks of Carriage :								
	Marks of Limber :	I.	I.	II*.	II.	I.			
Body—contd.									
Frame—contd.									
Futchels—									
Inside—									
Near ...	...	...	1	1	1	1	1	1	1
Off ...	...	...	1	1	1	1	1	1	1
Outside—									
Near ...	...	...	1	1	1	1	1	1	1
Off ...	...	...	1	1	1	1	1	1	1
Hooks—									
Bucket ...	...	Steel ...	...	...	...	1	...	...	...
Draught ...	{	Steel ...	2	...	...	...	...	...	...
		Steel, with screw compressing spring	...	...	...	...	...	...	2
Draught—									
Near ...	...	Stee ...	...	...	...	1	...	...	...
Off ...	...	Steel ...	...	...	...	1	...	...	...
Limber—									
No. 29, Mark II	...	Steel; with guide ring with set screw; handle catch with lever and keep pin; 2 catch springs and 3 keep pins ...	...	...	...	...	...	...	1
No. 31	...	Steel; with catch; catch spindle with lever and keep pin; 2 catch springs and 2 keep pins ...	...	...	...	1	...	...	...
No. 38	...	Steel ...	1	...	...	...	...	...	...
No. 42	...	Steel; with catch; catch spindle, with thumb press; lever and keep pin; 2 catch springs and 2 screws securing springs ...	...	1	1	...	...	...	...
Joints, draught—									
		Steel, with coupling pin, key and chain ...	...	2	...	...	...	...	...
Near ...	{	Steel, with hook ...	...	1	1	...	...	...	...
		Steel, with securing pin ...	1	...	...	...	...	...	...
Off ...	{	Steel, with hook ...	...	1	1	...	...	...	...
		Steel, with securing pin ...	1	...	...	...	...	...	...

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks of Carriage:	Marks of Limber:	Travel- ling.	Field.				
				B. L. 6-inch 26-cwt. Howitzer.	B. L. 60-pr. Gun.		Q. F. 18-pr. Gun.		Q. F. 4.5-in. Howitzer.
					I.	III	I, I*, I**, & II.	II.	
				I.	I.	II*	II.	I.	
Body—contd.									
Frame—contd.									
Keys—									
Lumber hook, No. 2 ...	Steel, with chain and loop ...			1	...	...	...	...	
Split, flat, 1-inch by 4- inch... ..	Steel, with "S" hook ...			...	...	...	1	1	
Loops, kicking straps, field limbers—									
Inner	...			...	...	...	1(a)	1(a)	
Outer—									
No. 1	...			...	...	...	1(a)	...	
No. 2	...			...	...	...	...	1(a)	
Nets, wire—									
Near	Steel, galvanized, with clips and leather tie			...	...	...	1	1	
Off	Steel, galvanized, with clips and leather tie			...	...	...	1	1	
Outriggers—									
Near	Steel, with hook Steel, with hook and key with chain and loop Steel, with hook Steel, with hook and key with chain and loop			...	1	1	...	...	
Off	...			1	...	...	...	...	
Pins—									
Coupling draught ...	Steel, with chain and loop ...			2	...	...	...	...	
Draught, No. 3 ...	Steel			...	1	1	1	1	
Keep, nut, spring case lumber hook.	Steel; spring; split with chain and eye			...	...	...	...	1	
Securing axletree ...	Steel, with keep pin ...			...	1	1	...	...	
Pintle	Steel, with keep pin ...			...	1	...	...	...	
Plates—									
Angle, connecting—									
Near	Steel			1	1	1	...	...	
Off	Steel			1	1	1	...	...	

(a) Per two limbers.

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel- ling.	Field.				
			B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.	Q.F. 4.5-in. Howitzer.
				I.	III.		
						I, I*, I** & II.	
Marks of Carriage :	I.	I.	II.	II.	I.		
Marks of Lumber :	I.	I.	II*.	II.	I.		
Body—contd.							
Frame—contd.							
Plates—contd.							
Channel—							
Strengthening front—							
Near	Steel	1	1	1	...		
Off	Steel	1	1	1	...		
Connecting—							
Centre—							
Bottom	Steel	1	...	...	...		
Top	Steel	1	...	...	...		
Front—							
Near	Steel	1	1	1	...		
Off	Steel	1	1	1	...		
Rear—							
Near	Steel	...	1	1	...		
Off	Steel	...	1	1	...		
Rear	Steel	1	...	...	...		
Cover, pole socket	Steel	1	1	1	...		
Draught pin—							
Bottom	Steel	...	1	1	...		
Top	Steel	...	1	1	...		
Gusset—							
Inside futchel—							
Near	Steel	...	...	...	1		
Off	Steel	...	...	...	1		
Outside futchel—							
Near	Steel	...	...	...	1		
Off	Steel	...	...	...	1		
Inscription	G.M., with rivets	1	1	1	...		
Side, connecting ammu- nition box—							
Near	Steel	...	...	...	1		
Off	Steel	...	...	...	1		
Stiffening—							
Top	Steel	1	...	...	...		
Bottom	Steel	1	...	...	...		

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks of Carriage:	Marks of Limber:	Travel- ling.	Field.				
				B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.		Q.F. 4-5-in. Howitzer.
					I.	III.	I, I*, I** & II.	I.	I.
Body—<i>contd.</i>									
Frame—<i>contd.</i>									
Plates—<i>contd.</i>									
Stiffening—<i>contd.</i>									
Draught, joint con- nection—									
Near	Steel			1	...	...	...	...	...
Off	Steel			1	...	...	...	...	...
Stop, shovel	...			...	...	...	...	...	1
Sockets—									
Nib pole	Steel			1	1	1	1	...	...
Pole	Steel			...	...	...	1	...	...
	Steel, with two packing plates			...	...	...	...	1	...
	Steel, in 2 parts			1	...	...	...	...	...
Springs—									
Draught hook	Steel, spiral			...	...	...	...	2	...
Limber hook	Steel, spiral			...	...	...	...	1	...
Staples—									
Lashing—									
Riveting, $\frac{5}{16}$ -inch	Steel sets			1	...	...	1	...	...
With plate—									
Double	Steel sets			...	...	...	1	...	...
Single, $\frac{1}{4}$ -inch	Steel sets			...	...	...	1	1	...
Special—									
2-15-inch, centres	Steel sets			1	...	...	...	...	...
2-4-inch, centres	Steel sets			1	...	...	...	...	...
Stays—									
Diagonal—									
Near	Steel			1	1	1	...	...	...
Off	Steel			1	1	1	...	...	...
Fitchel—									
Near	Steel			...	...	...	1	1	...
Off	Steel			...	...	...	1	1	...
Frame, wire net	Steel			...	1	1	...	...	...
Net, wire	Steel, galvanized			...	1	1	...	...	...
Pins—									
Loop, head, connecting	Steel, with chain and key			...	1	1	...	...	...
Securing draught	Steel, with chain and loop			...	2	2	...	...	...

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks of Carriage :	Marks of Lumber :	Travel- ling.	Field.				
				B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.	Q.F. 18-pr. Gun.	Q.F. 4.5-in. Howitzer.		
								I.	I.
				I.	I.	II*.	II.	I.	
rs, supporting, draught pole									
No. 3	Wood							1	1
No. 4	Wood					1	1		
res, limber—									
Near	Steel					1	1		
Off	Steel					1	1		
	Wood			1					
Fittings—									
Blocks, wood—									
Near box	Wood					1	1		
Off box	Wood					1	1		
Brackets, steadying shell...	M.B.					2			
Clips, rifle, vehicle—									
No. 2	Steel, leather covered			2					
No. 3	Steel, leather covered			2					
Hasps	Steel			1	2	2			
Hinges	Steel			2	4	4			
Irons, guard—									
No. 45	Steel, with leather			1					
No. 46	Steel, with leather			1					
Locks, box, limbers and wagons, No 1. ...	Metal, with key			1					
Loops, shovel	Steel			2					
Plates—									
Angle—									
1½-inch wide	Steel			10					
2-inch wide	Steel			4					
Rubbing shovel	Steel			2					
Strengthening bottom	Steel			4					
Striking	Steel			1					
Padlocks, iron, 2-inch	Steel, with keys				2	2			
Slides, lid, stay	P.B.			1					
Sockets, guard, iron	Steel, with clamping screw and securing bolts with washer			4					

TABLE NO. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBER
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel- ling.	Field.			
		B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.		Q.F. 18-pr. Gun.	Q.F. 4.5-in.
		I.	I	III.	I, I*, I**, & II.	I
	Marks of Carriage :	I.	I	III.	I, I*, I**, & II.	I
	Marks of Limber :	I.	I.	II*.	II.	I
Boxes, limber—<i>contd.</i>						
Fittings—<i>contd.</i>						
Staples—						
Hand, leather	Steel	3	...	...	...	...
Lashing, with plate—						
Single ... ..	... ..	10	...	...	...	...
Double ... ..	... ..	4	...	...	...	...
Stays, lid	Steel, in two parts with stud	1	...	...	...	...
Near box	Steel	...	1	1	...	...
Off box	Steel	...	1	1	...	...
Straps, securing shell	Leather, in 2 parts	...	2	...	...	...
Trays, supporting, shell—						
Near	Steel	...	1	...	...	...
Off	Steel	...	1	...	...	...
Turnbuckles	Steel	1	2	2	...	...
Collars, adjusting—						
1st class "B" capped wheels	Steel	...	2	2	...	...
2nd class "C" capped wheels	Steel	2	...	...	2	...
Connectors, engine draught,						
No. 2.	Steel	1	...	...	...	...
Pins, linch—						
1st class "B" capped wheels	Steel	...	2	2	...	...
2nd class "C" capped wheels	Steel	2	...	...	2	...
Poles, draught—						
No. 17	Wood, with tug and nut	...	...	...	1	1
No. 19	Wood, with fittings	...	1	1	...	...
Prop, rear	Wood, with securing eye cap and chain	...	...	...	...	...
Stays, outrigger	Steel, with leather tie	2	2	2	...	...
Swingletrees—						
No. 11	Steel	...	...	...	2	2
No. 12	Steel	...	4	4	...	...
Wheels—						
1st class, "B," No. 10 ...	Wood; 5 feet diameter; 6-inch tire; 12-inch pipe; M.B. nave; with dust cap, two keep pins; pipe box, bolt and drag washer...	...	2	2	...	...

TABLE No. 10.—COMPONENT PARTS AND ACCESSORIES OF CARRIAGE LIMBERS
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Travel- ling.	Field.			
			B.L. 6-inch 26-cwt. Howitzer.	B.L. 60-pr. Gun.	Q.F. 18-pr. Gun.	Q.F. 4.5-in. Howitzer.
	Marks of Carriage : Marks of Lumber :	I	I, II.	I, I*, I**, & II.	I, I*, I**, & II.	I.
<i>heels—contd.</i>						
2nd class, "C," No. 45 ...	Wood ; 4-feet 8-inches diameter ; 3-inch tire ; field, steel nave ; 11 inch pipe ; double spoke, with dust cap and keep pin ; locking plate, drag washer and screw with washer for oil hole	2	...	...	2	2
<i>Leather Fittings.</i>						
<i>Uses—</i>						
Bill hook	...	1	...	...	1	1
Drag washer, 1st class	Also 2nd class "C" capped wheels	...	...	...	1	1
Felling axe, with strap	...	1	...	...	1	...
Key, setting fuze, Q.F. 13 and 18-pr. limber	...	...	...	...	2	...
Water, brush	...	1	1	1	1	...
<i>Others—</i>						
Hand, with laces	...	3	...	...	3	3
No. 25, guard iron	...	...	...	...	1	...
No. 26, guard iron	...	...	...	...	1	...
No. 43, guard iron	...	...	...	...	...	1
No. 44, guard iron	...	...	...	...	...	1
No. 45, guard iron	...	1	...	...	...	...
No. 46, guard iron	...	1	...	...	...	...
Strip, 2 inch × 1½ inch	...	...	...	...	1a	...
Wops, felling axe	...	1	...	...	...	...
Wops, quick release, 1 inch × 1½ inch with loop	Securing rifles on vehicles	...	...	...	...	2
<i>Others—</i>						
Outrigger	...	2	2	2	...	...
Linch, pin	Securing wire nets	...	...	...	2	2

(a) Sub-component of "block, housing."

TABLE No. 11.

COMPONENT PARTS AND ACCESSORIES OF WAGON'S AMMUNITION
FOR MOVABLE ARMAMENT.

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-p	
			II.	I.	D
Body—					
Axletrees, 2nd class, "C"—					
No. 250A	Steel		1	1	
Box, ammunition	Steel		1	...	
	Steel (tube system)		...	1	
	Steel (basket system)		...	...	
Fittings—					
Baskets, Mark II	Willow and cane, tubular, fitted with 4 wood slats. To hold one round		...	...	
Blocks, housing fuze indicator—					
Centre... ..	Wood, with strip of fearnought		...	1	
Left	Wood; with clip plate and strip of fearnought {		...	1	
Right			...	1	
Catches, limbers and wagons—					
No. 3	G.M., plate, with spiral spring and plunger, and lever with hinge { screw		...	2	
No. 4			...	2	
No. 7			2	...	
No. 8			2	...	
Irons, guard—					
No. 25... ..	Steel		...	1	
No. 26... ..	Steel		...	1	
No. 43	Steel		1	...	
No. 44	Steel		1	...	
Lids—					
Rear	Steel; fitted with felt pad, canvas covered and hinged shield plate; stops and 2 handles		...	1	
Front	Steel, fitted with leather pads, hinges and handles		1	...	
Rear	Steel; fitted with leather pads; hinges and hinged shield plate with stops and handles		1	...	
Locks, box, limber and wagons—					
No. 6	G.M., with key and rivets		2	1	
Locker, fuze	Wood		2	...	
Plates—					
Inscription	G.M.		1	...	
Striking, lock... ..	Steel		2	1	
Shelves—					
Bottom—					
Near	Steel		...	1	
Off	Steel		...	1	
Top and centre	Steel		...	4	
Sockets, guard iron	Steel, with screw		4	4	
Staples—					
Hand leather	Steel		3	3	

TABLE NO. 11.—COMPONENT PARTS AND ACCESSORIES OF WAGON'S AMMUNITION
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks:	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—<i>contd.</i>					
Box, etc.— <i>contd.</i>					
Fittings— <i>contd.</i>					
Staples— <i>contd.</i>					
Carrying fuze indicator ...	Steel		...	2	2
Lashing, special ...	Steel set		1	1	1
Strips—					
Felt	 set		1	1	1
Tubes	Brass; with steel stud plate; collar; M.B. nut and keep pin ...		...	38	...
Turnscrew, shell plug ...	Steel		2	...	...
Frame—					
Bands, supporting fuze locker—					
Front	Steel, with bolt		2	...	...
Rear	Steel, with bolt		2	...	...
Block fixing, No. 93 spanner ...	Wood		1	...	...
Boards—					
Foot	Wood		1	1	1
Platform—					
Front	Wood		1	1	1
Rear	Wood		1	...	...
Bolts, countersunk head, square, 3/8-inch × 1 1/2-inch ...	Steel, with nut set		1	1	1
Brackets—					
Carrying pole ... ..	... ..		...	1	1
Hinge, brake arm	Steel; with connecting bolt; nut, and keep pin		...	2	2
Near	Steel, with nut and keep pin ...		1	...	...
Off	Steel, with nut and keep pin ...		1	...	...
Hinge cranked lever—					
Near	Steel, with axis pin		1	...	...
Off	Steel, with axis pin		1	...	...
Lifting jack—					
Near	M.B.		1	...	...
Off	M.B.		1	...	...
Rear prop clip	Steel		1	...	...
Catches, spring wire net ...	P.B., with rivets		2	...	...
Clips—					
Axletree	Steel, in 2 parts with two securing bolts		2	...	...
Prop—					
Front	Steel, spring		1	...	...
Rear	Steel, spring		1	...	...
Eyes, perch—					
No. 13	Steel		...	1	1
No. 17A	Steel		1	...	...
Flanges, axletree—					
Inside	Steel		2	2	2
Outside—					
Near	Steel, with dust excluder and bolts ...		1	1	1
Off	Steel, with dust excluder and bolts ...		1	1	1

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TABLE NO. 11.—COMPONENT PARTS AND ACCESSORIES OF WAGON'S AMMUNITION
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—<i>contd.</i>					
Frame—<i>contd.</i>					
Hooks—					
Camp kettle	Steel		4	...	...
Nets, wire—					
Near	Steel, galvanized, with clips ...		1	...	...
Off	Steel, galvanized, with clips ...		1	...	...
Perch	Steel		1	...	...
Perch	Steel, with lifting handles ...		...	1	1
Plates—					
Angle stiffening perch—					
Near	Steel		1	...	...
Off	Steel		1	...	...
Camp, kettle	Steel, with hooks		...	4	4
Gusset—					
Perch—					
Near	Steel		1	...	...
Off	Steel		1	...	...
Near side	Steel		...	1	1
Off side	Steel		...	1	1
Inscription	G.M.		...	1	1
Locking	Steel		...	2	2
Near	Steel		1	...	...
Off	Steel		1	...	...
Perch bottom	Steel		1	...	...
Side, connecting—					
Ammunition box—					
Near	Steel		1	1	1
Off	Steel		1	1	1
Supporting footboards—					
Near	Steel		1	1	1
Off	Steel		1	1	1
Sides—					
Near	Steel		1	...	...
Off	Steel		1	...	...
Stays—					
Cross	Steel		1	...	...
Side—					
Near	Steel		1	...	...
Off	Steel		1	...	...
Studs, supporting brake arm ...	Steel ; with collar ; nut and keep pin		2	...	...
Staples, lashing—					
With plate—					
Single, $\frac{1}{4}$ -inch	 set		...	1	1
Riveting, $\frac{3}{8}$ -inch ... ..	... ..		...	1	1
Collars, adjusting, 2nd class "C"					
capped wheels	Steel		2	2	2
Pins, linch, 2nd class "C" capped					
wheels	Steel		2	2	2

TABLE NO. 11.—COMPONENT PARTS AND ACCESSORIES OF WAGON'S AMMUNITION
FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks:	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Props					
Vehicle "B"—					
No. 1	Wood, with cap and shoe		1	...	...
No. 2	Wood, with cap and shoe		1	...	...
Wheels, 2nd class, "C"—					
No. 45	Wood; 4-feet 8-inches diameter; 3-inch tire; field, steel, nave, 11-inch pipe; double spoke; with dust cap and keep pin; locking plate; drag washer and screw with washer for oil hole		2	2	2
Gear, brake—					
Arms, brake—					
Near	Steel; with shoe and keep pin; con- necting brackets and hinge lug {	{	1	1	1
Off			1	1	1
Bands, axletree	Steel (in halves); with bolt; with nut and keep pin; and axis stud with collar; nuts and keep pins		...	2	2
Blocks, brake—					
Field and transport	C.I.		2	2	2
Forks—					
Actuating screw	Steel, with connecting bolt and keep pin		...	1	1
Supporting rod	Steel, with pin and keep pin		...	2	2
Actuating screw	Steel; with connecting bolt with collar; nut and keep pin		1	...	...
Handles—					
Actuating screw	Steel		1	1	1
Levers—					
Cranked—					
Near	Steel, with tumbler		...	1	1
Near	Steel, with actuating nut with 2 trunnion screws and 2 keep pins		1	...	...
Levers—					
Cranked—					
Off	Steel, with tumbler with 2 trunnion screws and 2 keep pins		1	...	...
Off	Steel, with tumbler		...	1	1
Links, supporting brake arm	Steel		2	...	...
Nuts, actuating screw	M.B., with securing nut		...	1	1
Rods—					
Actuating	Steel, with 2 connecting bolts, each with collar nut and keep pin ... Steel; with 10 disc springs; nut and keep pin and bolt connecting with nut and keep pin	{	1	...	...
			...	1	1
Connecting—					
Cranked levers	Steel; with 10 disc springs; nut and keep pin and bolt connecting with collar nut and keep pin Steel, with 2 connecting bolts, each with nut and keep pin	{	1	...	...
			...	1	1

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TABLE NO. 11.—COMPONENT PARTS AND ACCESSORIES OF WAGON'S AMMUNITION FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Gear, brake—<i>contd.</i>					
Rods—<i>contd.</i>					
Supporting brake arm	Steel ; with collar ; nut and keep pin	...	...	2	2
Screws, actuating	Steel, with nuts and keep pins	...	...	1	1
Leather fittings—					
Cases—					
Key, setting fuze Q.F. 13-and 18-pr. limber, also ammu- nition wagon	...	...	...	2	2
Chape, sawcase, 1-inch × 6-inch	...	...	1	1	1
Leathers—					
Guard, iron	...	...	2(a)	2(a)	2(a)
Hand with laces	Or loops, holding	...	3	3	3
Loop, sawcase, 9-inch × 1½-inch	...	...	1	1	1
Pockets, key—					
Fuze, wagons, ammunition, and limbers	...	...	4	...	...
Spring lock (2 keys)	...	...	2	1	1
Straps—					
Retaining, ammunition	Leather, quick release (in 2 parts) ...	...	48	...	...
Withdrawing projectiles	Leather, with 2 stops, disc and plate	...	24	...	...
Ties, linch pin	...	...	2	...	...

(a) Sub-component of guard iron.

TABLE NO. 12.
COMPONENT PARTS AND ACCESSORIES OF WAGON LIMBERS FOR
MOVABLE ARMAMENT.

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—					
Axletrees, 2nd. class, "C"—					
No. 208	Steel	...	...	1	...
No. 250A	Steel	...	1	...	1
Box, ammunition	Steel	...	1	...	...
	Steel, tube system	...	...	1	...
	Steel, basket system	...	...	...	1
	Steel, with plate and bolts	...	2	...	...
Bands, securing, fuze locker					
Fittings—					
Baskets, Mark II	Willow and cane, tubular fitted with 4 slats, to hold one round... ..	...	...	...	38

TABLE NO. 12.—COMPONENT PARTS AND ACCESSORIES OF WAGON LIMBERS FOR
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—<i>contd.</i>					
Box, ammunition— <i>contd.</i>					
<i>Fittings—<i>contd.</i></i>					
Catches—					
Latch—					
Centre lid	Steel		2	...	...
Lever—					
Near ... ..	... ..		...	1	1
Off ... ..	... ..		...	1	1
Limbers and wagons—					
No. 3 near	G.M.; plate with spiral spring and plunger; and lever with hinge screw	{	...	1	1
No. 4 off			...	1	1
Spring—					
Tray... ..	P.B.		...	1	1
Wire net	P.B.		...	2	2
Clips, rifle, vehicle—					
No. 1 (for barrel)	Steel, spring, leather covered		2	2	2
No. 2 (for butt)	Steel, spring, leather covered		2	2	2
Irons, guard					
No. 25 "near"	Steel		...	1	1
No. 26 "off"	Steel		...	1	1
No. 43 "near"	Steel		1	...	...
No. 44 "off"	Steel		1	...	...
Lids—					
Near	Steel; fitted with felt pad; canvas covered and hinged shield plate; stop and handle	{	...	1	1
Off			...	1	1
Near	Steel; fitted with leather pads; hinges, and hinged shield plate, with stop	{	1	...	...
Off			1	...	...
Centre	Steel; fitted with leather pads; hinges and stop plates		1	...	...
	Steel, fitted with felt pad, canvas covered		...	1	...
Locks, box, limbers and wagons—					
No. 6	G.M., with key and rivets		3	...	...
No. 7	G.M., with key and rivets		...	1	1
Locker, fuze ... ..	... ..		1	...	...
Plates—					
Inscription	G.M.		1	...	...
Centre lid	Steel		1	...	...
Striking lock	Steel		...	1	1
Stop, net flap... ..	... ..		...	2	2
Shelves, Mark II	Steel		...	6	6
Sockets, guard iron	Steel, with screw		4	4	4
Staples—					
Hand, leather... ..	... ..		3	3	3

TABLE NO. 12.—COMPONENT PARTS AND ACCESSORIES OF WAGON LIMBERS FOR
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—<i>contd.</i>					
Box, ammunition— <i>contd.</i>					
Staples— <i>contd.</i>					
Lashing—					
Riveting set	... ..	...	1	...	...
Special set	... ..	...	1	1	1
Stops—					
Centre lid	Steel with leather pad	...	1	...	...
Strips—					
Felt set	... ..	...	...	1	1
Turnscrew, shell plug	Steel	...	1	...	...
Tubes	Brass; with steel stud plate; collar; M.B. nut and keep pin	...	...	38	...
Frame—					
Bands, securing, fuze locker ...	Steel	...	1	...	...
Blocks, packing, fuze locker ...	Wood, with plate	...	2	...	...
Boards—					
Foot	Wood	...	1	...	...
Platform	Wood	...	1	...	...
Platform—					
Front	Wood	...	...	1	1
Rear	Wood	...	...	1	1
Bolts, countersunk head, square, 3/8-inch × 1 1/2-inch	Steel, with nut...	...	24	24	24
Brackets—					
Lifting jack—					
Near	M.B.	...	1	1	1
Off	M.B.	...	1	1	1
Flanges, axle-tree—					
Inside	Steel	...	2	2	2
Outside—					
Near	Steel, with dust excluder and bolts	...	1	1	1
Off	Steel, with dust excluder and bolts	...	1	1	1
Futchels—					
Inside—					
Near	Steel	...	1	1	1
Off	Steel	...	1	1	1
Outside—					
Near	Steel	...	1	1	1
Off	Steel	...	1	1	1
Hooks—					
Bucket	Steel	...	1	1	1
Draught—					
Near	Steel	...	1	1	1
Off	Steel	...	1	1	1
Limber—					
No. 31	Steel	...	...	1	1
No. 31A	Steel; with catch; catch spindle with thumb press lever and keep pin; 2 catch springs and 2 keep pins	...	1	...	...

TABLE NO. 12.—COMPONENT PARTS AND ACCESSORIES OF WAGON LIMBERS FOR MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Body—<i>contd.</i>					
Frame—<i>contd.</i>					
Keys—					
Split, flat, 1-inch × 4-inch ...	Steel		1	1	1
Loops, kicking strap, field, lim- bers—					
Inner	Steel, with bolts		(a)	(a)	(a)
Outer—					
No. 1	Steel, with bolts		(a)	(a)	(a)
Nets, wire—					
Near	Steel, galvanized, with clips and leather tie		...	1	1
Off	Steel, galvanized, with clips and leather tie		...	1	1
Pins—					
Draught—					
No. 3	Steel, for draught pole		1	1	1
Plates—					
Connecting—					
Front ... ..	... ..		...	1	1
Futchels ... ..	... ..		1	...	...
Gusset—					
Inside futchel—					
Near	Steel		...	1	1
Off	Steel		...	1	1
Outside futchel—					
Near	Steel		...	1	1
Off	Steel		...	1	1
Side, connecting, ammunition box—					
Near	Steel		1	1	1
Off	Steel		1	1	1
Stop, shovel	Steel		2	2	2
Sockets—					
Nib, pole... ..	Steel		...	1	1
Pole	Steel		1	1	1
Staples, lashing—					
Riveting, $\frac{5}{16}$ -inch ... set	... ..		1	1	1
With plate—					
Double set	... ..		1	1	1
Single, $\frac{1}{4}$ -inch... .. set	... ..		1	1	1
Stays—					
Futchel—					
Near	Steel		1	1	1
Off	Steel		1	1	1
Bars, supporting draught pole—					
No. 3	Wood		...	1	1
No. 4	Wood		1	...	...

(a) 1 per 2 limbers.

TABLE NO. 12.—COMPONENT PARTS AND ACCESSORIES OF WAGON LIMBERS FOR
MOVABLE ARMAMENT—*contd.*

Designation.	Detail.	Marks :	B.L. 60-pr.	Q.F. 18-pr.	
			II.	I.	II.
Collars , adjusting, 2nd-class "C" capped wheels	Steel		2	2	2
Pins , linch, 2nd-class "C" capped wheels	Steel		2	2	2
Pole , draught, No. 17, Mark III ...	Wood, with tug and nut		1	1	1
Swingletrees —					
No. 11 ... ..	... ..		...	2	2
No. 12 ... ..	... ..		2	...	...
Wheels , 2nd-class "C"—					
No. 45	Wood; 4-feet 8-inches diameter; 3-inch tire; field, steel nave; 11-inch pipe; double spoke; with dust cap and keep pin; locking plate; drag washer and screw with washer for oil hole screw ...		2	2	2
<i>Leather fittings</i> —					
Cases —					
Billhook ... ..	... ..		1	1	1
Key, setting fuze, Q.F. 13-and 18-pr. limber	Also ammunition wagon		...	2	2
Water brush ... ..	... ..		1	1	1
Leathers —					
Guard iron ... ..	... ..		2(a)	2(a)	2(a)
Hand, with laces	Or loops holding		3	3	3
Loops —					
Spade, 2-inch × 13-inch ... ..	... ..		...	2	2
Pockets —					
Key, spring lock, 2 keys ... ..	... ..		1	1	1
Key, fuze wagons, ammunition and limbers ... ..	... ..		2	...	...
Straps —					
Quick release, 1-inch × 11½-inch, with loop	Securing, rifles on vehicles		3	2	2
Retaining ammunition, limbers or wagons, B.L. 60-pr.	In two parts		32	...	...
Withdrawing projectiles, limbers or wagons, B.L. 60-pr.	With 2 stops, disc and plate		16	...	...
Ties, linch pin	For securing wire nets		...	2(b)	2(b)
<i>Accessories included with the limbers.</i>					
Locker , fuze, B.L. 60-pr.	Wood		1	...	...

(a) Sub-component of guard irons.
(b) Sub-component of "nets, wire."

APPENDIX I.

TABLE "A."—MATERIALS FOR THE CARE AND PRESERVATION OF EQUIPMENT (NOT HARNESS AND SADDLERY),
MOVABLE ARMAMENT.Annual Allowance.
(Per Battery.)

Article.	Purpose.	B.L., 6-inch, 26-cwt., Howitzers on Travelling Carriages.						B.L., 2.75-inch Guns on B.L. Carriages.			Q.F., 4.5-inch Howitzers on Field Carriages.			Q.F., 3.7-inch Howitzers on Q.F. Carriages.			Q.F., 18-pr. Guns on Field Carriages.		
		(a)	(b)	2	(a)	(b)	4	(a)	(b)	2	(a)	(b)	4	(a)	(b)	4	(a)	(b)	2
<i>Section No. 9—A.</i>																			
Bath bricks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Beeswax	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chalk, prepared white	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dubbing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Glue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grease, lubricating, for cool climates (c)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mineral jelly, red	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oil—																			
Linseed, boiled	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Linseed, raw	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Olive, best quality lubricating	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

See footnotes on page 202.

APPENDIX I.—TABLE "A"—*contd.*

Article.	Purpose.	B.L., 6-inch, 26-cwt., Howitzers on Travelling Carriages.	B.L., 60-pr. Guns on Field Carriages.	B.L., 2.75-inch Guns on B.L. Carriages.	Q.F., 4.5-inch Howitzer on Field Carriages.	Q.F., 3.7-inch Howitzers on Q.F. Carriages.	Q.F., 18-pr. Guns on Field Carriages.
Soap, soft	lbs.	(a) (b) 1	(a) (b) 1	3	(a) (b) 1	3	(a) (b) 1
Soap, yellow	... bars	(a) (b) 12	(a) (b) 12	24	(a) (b) 12	24	(a) (b) 12
Tallow	... ..	4	4	8	...	...	...
<i>Section No. 9—B.</i>							
Cylinders, paint, No. 3	... ..	4	4	2	4	2	4
<i>Section No. 13—C.</i>							
Canvas, packing, hessian, 48-inch	 yards	10	10	...	...	...	...
Cloths, sponge	... ..	(a) 10	(a) 10	24	(c) 10	24	(c) 10
Cotton, waste, coloured	 ozs.	(a) 4	(a) 4	16	...	16	...
Leather, ohamois	... ..	2	2	1	1	1	1

(a) Per carriage.

(b) Per wagon and limber.

(c) Per sub-section.

(d) Per wheel. On demanding O.C. must certify vehicles in constant use, otherwise $\frac{1}{2}$ -lb. wheel must be demanded.

(e) "Grease, lubricating, for hot climates." will be used at all stations abroad.

(f) Per gun or howitzer.

APPENDIX I.

TABLE "B."—MATERIALS FOR PRESERVATION OF BORES OF GUNS AND HOWITZERS.

Ordnance.		Quantity allowed for one application.			
Nature.	Marks.	Mineral jelly, red.		Mineral jelly and beeswax mixture.	
		lbs.	ozs.	lbs.	ozs.
B.L., 6-inch, 26-cwt. howitzer	...	0	8	3	8
B.L., 60-pr. gun	...	0	15	6	9
B.L., 2.75-inch gun	...	0	3	1	5
Q.F., 3.7-inch howitzer	...	0	3	1	5
Q.F., 4.5-inch howitzer	...	0	5	2	3
Q.F., 18-pr. gun	...	0	5	2	3

TABLE "C."—MATERIALS FOR CARE AND PRESERVATION OF LEATHER AMMUNITION BOXES, SMALL STORE BOXES, GYNS, LAMPS AND LANTERNS.

(Referred to in paragraph 20).

(Annual Allowance).

Section No. 9—A.			
Dubbing, pack transport equipment in movable armament	...	{	½-lb. for each leather ammunition box, and small store box.*
Oil, Rangoon, 1 quart per gyn.			
Soap, soft pack transport equipment in movable armament	...	{	½-lb. for each leather ammunition box, and small store box.*
Turpentine, ½-pint for every 5 lamps or lanterns	...		
Whiting, fine, 2-lb. for every 5 lamps or lanterns	...	...	On certificate of commanding officer that they are in constant use.
N.I.V.			
Rags, linen or cotton, old—1-lb. per lamp or lantern.			

* This quantity is sufficient for at least two applications in the year.

APPENDIX II.

TABLE "A."—TOOLS REQUIRED FOR THE CLEANING AND PAINTING OF ORDNANCE AND FOR COATING BORES OF GUNS AND HOWITZERS WITH MINERAL JELLY AND BEESWAX MIXTURE.

Tools.	B.L., 6-inch, 26-cwt., on Travelling Carriages.	B.L., 60-pr. Guns on Travelling Carriages.	B.L., 2-76-inch Guns on B.L. Carriages.	Q.F., 4-5-inch Howitzers on Field Carriages.	Q.F., 18-pr. Guns on Field Carriages.	Q.F., 3-7-inch Howitzer.	Remarks.
<i>Section No. 7.</i>							
Brushes, sable, writing, duck large	2	2	1	1	1	1	..
Cans, paint—	..	..	..	..	..	..	..
7½-inches diameter (b)	1	1	1	1	1	1	..
7-inches diameter (b)	1	1	1	1	1	1	..
Knives, putty (c)	..	..	..	..	..	..	..
<i>Section No. 11.</i>							
Brushes, paint—	..	..	..	..	..	..	..
Oval	..	..	..	..	..	..	..
Unground (c)	..	..	..	..	..	..	..

Section No. 18.

Bits, vent, 14-inch	...	(a)	(a)	...	...	...
Holders, brush—	...	(a)	(a)	...	...	...
No. 2 (c)	...	...	(a)	...	...	...
No. 4 (c)	...	(a)	...	...	...	...
Section No. 19.						
Brushes, piassaba—						
B.L., 6-inch howitzer bore, Mark III	1					
Q.F., 4.5-inch howitzer bore	...			...	...	...
Cleaners, piassaba—						
No. 8A ...	...			1	...	...
No. 14 ...	...			...	...	...
No. 17 ...	...		1	...	...	...
No. 18 ...	...		...	...	1	...
No. 19 ...	...		...	...	...	...
Cleaners, wool—						
No. 1 ...	...		...	...	1	...
No. 2 ...	...		...	...	...	...
No. 4 ...	...		...	...	...	...
Stave ends—						
No. 17 (d)	...	1	...	...	...	...

(a) Common 1 per piece.
 (d) Staves to be provided locally.

(b) Triennial supply peace only.
 (e) 1 per six guns or less.

(c) Size required to be stated on demands.
 (f) Issued as required.

APPENDIX II.

TABLE "B."—PAINT AND TIME ALLOWED FOR CLEANING AND PAINTING ORDNANCE.

Ordnance.		Quantity of paint one coat.	Time allowed for	
Nature.	Marks.		Scraping and cleaning.	Painting one coat.
		lbs. ozs.	hrs. mins.	hrs. mins.
B.L., 6-inch, 26-cwt., howitzer ...	I	1 8	1 0	0 45
B.L., 60-pr. gun ...	I to II*	2 4	1 15	1 0
B.L., 2.75-inch gun ...	I and I ^c	1 0	0 30	0 30
Q.F., 4.5-inch howitzer ...	I and II	1 8	0 40	0 30
Q.F., 3.7-inch howitzer ...	I	1 0	0 30	0 30
Q.F., 18-pr. gun ...	I to IV	1 8	0 40	0 35

APPENDIX II.

TABLE "C."—PAINT, PUTTY, AND TIME ALLOWED FOR CLEANING AND PAINTING THE FOLLOWING CARRIAGES, &C.

Description.	Paint one coat.	Putty.	Time allowed for		Remarks.
			Scraping and cleaning.	Stopping, painting bare places, and one coat.	
Bars, supporting draught pole (a) (per dozen)	lbs.	lbs.	hrs.	mins.	(a) Paint for metal work will be taken from quantity authorised for limbers. Wood work will be treated with "Oil, mineral, preserving wood," for which purpose 1½ gills of oil per dozen bars, may be demanded annually.
Carriages, B.L.—	...	...	1	0	
B.L., 2·75-inch, Mark I	2	8	2	0	
Carriages, field—	7	0	3	0	
B.L., 60-pr., Marks I and III	5	0	2	0	
Q.F., 4·5-inch, Mark I (b)	4	0	1	0	
Q.F., 18-pr., Marks I to II	4	0	2	0	
Carriages, Q.F.—	4	0	3	0	
Q.F., 3·7-inch, Mark I	4	0	2	0	
Carriages, travelling—	6	8	3	0	
B.L., 6-inch, 26-cwt., Mark I	1	4	1	0	
Compressors, air, portable	0	12	0	15	
Connectors, engine draught—	0	12	0	15	
No. 2 ...	0	12	0	15	
" 3 ...	0	12	0	15	
" 11 ...	0	12	0	15	
					(b) White line denoting travelling position, 2 ozs.,

APPENDIX II.—TABLE "C" *contd.*

Description.	Paint one coat.	Putty.	Time allowed for		Remarks.
			Scraping and cleaning.	Stopping, painting bare places, and one coat.	
	lbs. ozs.	lbs. ozs.	hrs. mins. 1 30	hrs. mins. 2 0	
Guns, triangle— 2½ tons ...	2 0	...			
Jacks— Lifting screw— No. 1 ...	0 8	...	0 30	0 25	
" 2 ...	0 8	...	0 30	0 25	
Limbers— Carriage, field— B.L., 60-pr., Marks I and II ...	4 8	0 8	2 0	5 30	
Q.F., 4.5-inch, Mark I ...	4 0	0 8	2 0	3 30	
Q.F., 18-pr., Mark II ...	3 8	0 8	1 30	3 0	
Carriage, travelling— B.L., 6-inch, 26-cwt., howitzer, Mark I ...	3 8	0 12	2 30	4 0	
Wagon— B.L., 60-pr., Mark II ...	4 8	0 12	2 0	5 30	
Q.F., 18-pr., Marks I and II ...	3 12	0 12	1 30	3 30	
Platforms, firing— Q.F., 13, 18-pr., or 4.5-inch ...	2 0	0 8	1 0	2 30	
Posts, picket, 5-feet ...	4 8	...	3 0	8 0	
Poles, draught ...	0 12	0 4	0 10	0 15	
Wagons— Ammunition—					Posts treated with "Jodo- lite" or "oil preserving wood" will not require painting.

B.L., 60-pr., Mark II Q.F., 18-pr., Marks I and II Wheels—	...	...	6	8	0	12	3	0	5	30		All Marks. For body of carriage and gun. The gun must not be scraped. Including painting of gun. The gun must not be scraped.
1st class, "B," No. 10	...	(spare)	1	0	0	12	0	40	0	45		
1st class, "B," No. 12	...	(")	1	4	0	12	0	45	1	0		
2nd class, "C," No. 45	...	(")	0	12	0	8	0	30	0	25		
<i>Machine Gun Equipment.</i>												
Carriages, parapet, M.G.	...	...	*0	8	...	...	1	0	1	30		
Mountings, tripod, .303-inch M.G., Mark IV			*0	8	...	...	1	0	1	30		
Shield, M.G.	...	...	*1	2	...	...	1	30	0	30		

* Paint, prepared for use, khaki colour, oil and gas proof for machine guns.

(B 27/15381)q

APPENDIX II.

TABLE "D."—PAINT, OIL AND TIME ALLOWED FOR SCRAPING, CLEANING, PAINTING AND OILING PROJECTILES.

Nature.	Per 100 Projectiles.						Remarks.
	Paint one coat.	Oil.	Scraping and cleaning.	Painting one coat.	Oiling.		
Shell, B.L. or Q.F.— High explosive— 6-inch, 26-cwt., howitzer	lbs.	ozs.	pinta.	hrs.	mins.	hrs.	mins.
60-pr. gun ..	8	4	1	14	0	5	15
2-7.5-inch gun ..	5	0	1	11	30	3	45
3-7-inch howitzer ..	2	4	1	7	30	2	10
4-5-inch howitzer ..	3	8	1	8	15	2	45
18-pr. gun ..	5	0	1	10	15	3	30
Common pointed— 6-inch gun or howitzer	2	8	1	7	30	2	10
Common practice— 4-5-inch howitzer ..	7	8	1	14	0	4	45
Chemical— 6-inch howitzer, light	5	0	1	10	15	3	30
Gas— 60-pr. gun ..	9	0	1	14	0	5	0
18-pr. gun ..	5	0	1	11	30	3	45
	2	8	1	7	30	2	10

[illegible]

Smoke—	...	2	...	...	2	...	...	...	...	...	...	1	40
6-inch, 26cwt., howitzer	...	2	...	...	2	...	...	...	...	...	...	1	0
18-pr. gun	...	2	...	...	2	...	...	...	...	...	...	1	0
Star shell—	...	2	...	...	2	...	...	...	...	...	...	1	40
6-inch gun or howitzer	...	2	...	...	2	...	...	...	...	...	...	1	0
2-75-inch gun	...	1½	...	...	1½	...	...	...	...	...	...	1	0
Shrapnel—	...	2	...	...	2	...	...	...	...	...	...	1	20
60-pr. gun	...	1½	...	...	1½	...	...	...	...	...	...	1	0
18-pr gun	...	1½	...	...	1½	...	...	...	...	...	...	1	0

Chemical.—These are included in the category of Gas Shells.

APPENDIX II.

TABLE "F."—PAINT AND TIME ALLOWED FOR STENCILLING FILLED SHELLS.

Nature.	Per 100 Projectiles.			
	Quantity of paint.			Time allowed.
	Red Lead.	Black, no Lead.	White Lead.	
	ozs.	ozs.	ozs.	hrs. mins.
Shells, B.L. or Q.F.—				
High explosive—				
6-inch, 26-cwt., howitzer ...	...	8	...	1 40
60-pr. gun ...	...	5	...	1 15
2·75-inch gun ...	...	3	...	1 15
3·7-inch howitzer ...	...	3½	...	1 15
4·5-inch howitzer ...	...	4	...	1 15
18-pr. gun ...	...	3	...	1 15
Common pointed—				
6-inch gun or howitzer ...	...	...	3	1 0
Gas—				
60-pr. gun, Y.I. ...	...	3	...	0 45
60-pr. gun, W.I. ...	...	3	...	0 45
60-pr. gun, G.I. ...	...	3	...	0 45
18-pr. gun, G.I. ...	...	1½	...	0 30
Smoke—				
6-inch, 26-cwt., howitzer ...	...	3	...	1 0
18-pr. gun ...	...	1½	...	0 30
Star shell—				
6-inch gun or howitzer ...	3	...	...	1 0
2·75-inch gun ...	1½	...	...	0 30
Shrapnel—				
60-pr. gun ...	...	...	3	0 45
18-pr. gun ...	...	...	1½	0 30
Streamline—				
6-inch, 26-cwt. howitzer ...	...	8	...	1 40
18-pr. gun ...	...	3	...	1 15

Chemical.—These are included in the category of Gas Shells.

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